



PRODUCTS CATALOG

上海欧沸尔电子有限公司

OCL ELECTRONIC CO.,LTD.

www.shocl.com

20141101

About Us

- Established in 2006
- Specializes in developing and manufacturing of LED transformers, Power transformer, chokes, inductors and LAN transformers
- Administration and Marketing offices are located in Shanghai and Los Angeles respectively to closely service our valued customers
- R&D and Manufacturing are located in Shanghai, Ningbo, China respectively; plan to extend to Mexico in year of 2015
- Qualified with ISO9001:2008, ISO14001: 2004 and UL Insulation System.

Mission Statement

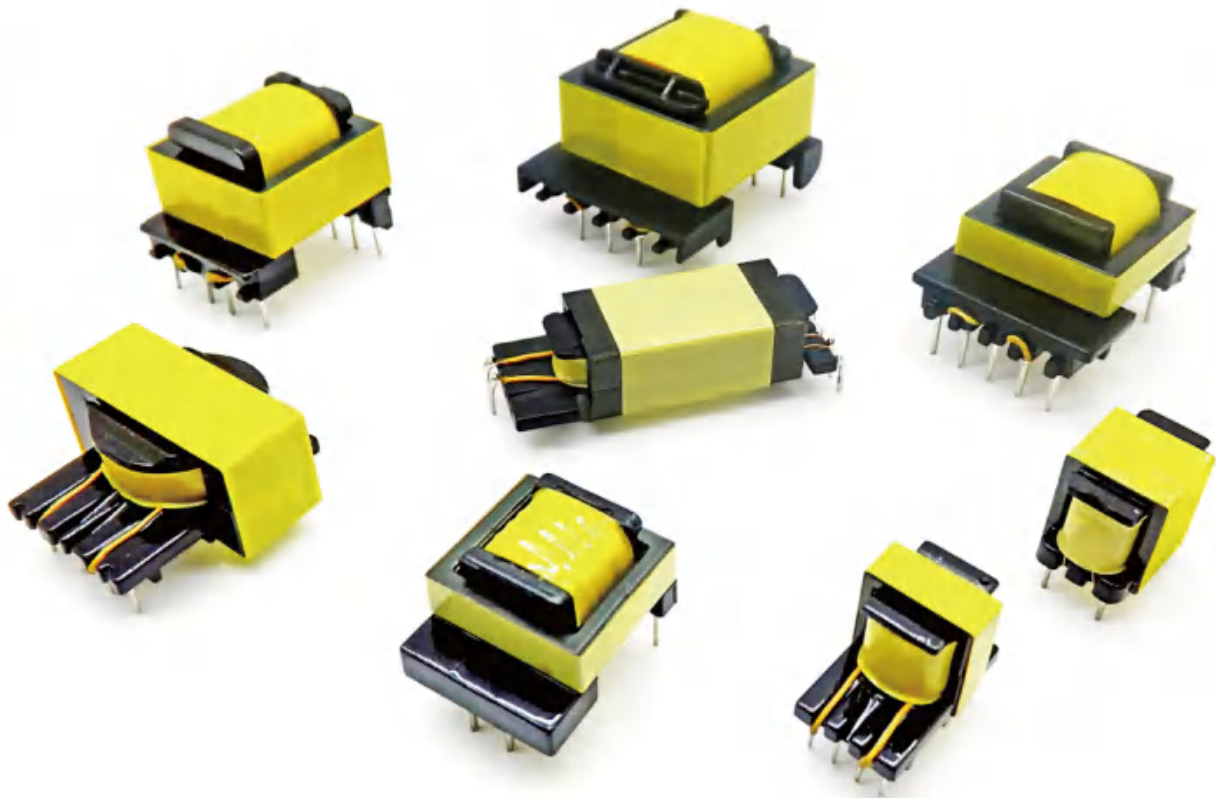
- Provide high quality products with satisfactory prices and first class services to meet customer demands.

Core Value: IDEA

- Innovation on providing a competitive and cooperative environment for product enhancement
- Development on partnership among partners; management and employees on working harder and smarter with mutual respect, lifelong learning opportunities and self-enrichment spirits
- Engagement in business processing for integration of operations and effective workflow
- Aspire to be a model of the industry, a contributor to the society.

FEATURES AND TYPICAL APPLICATION

FLYBACK SWITCHING CONVERTER TRANSFORMERS



1. Features:

The flyback switching converter transformers made from high quality ferrite cores with better design, good performance in low losses, leakage inductance and high saturate magnetic flux density, It's a good solution for the creepage safety distance.

变压器采用优质的铁氧体磁芯和良好的绕组工艺制作而成，具有低损耗、低漏感、高饱和磁通密度等特性，通过把胶芯次级针距向外延伸，从胶芯模具上解决了安规爬电距离的问题，避免了次级飞线引出，更适合大批量生产。

2. Applications:

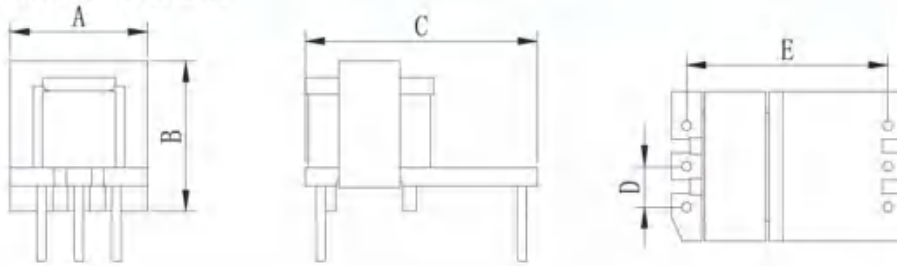
LED Driver; Battery Charger; Home appliances; Medical appliances, etc.

LED驱动电源；电池充电器；家电产品；医疗电源等。

3. Power Range: 3.0W~150W

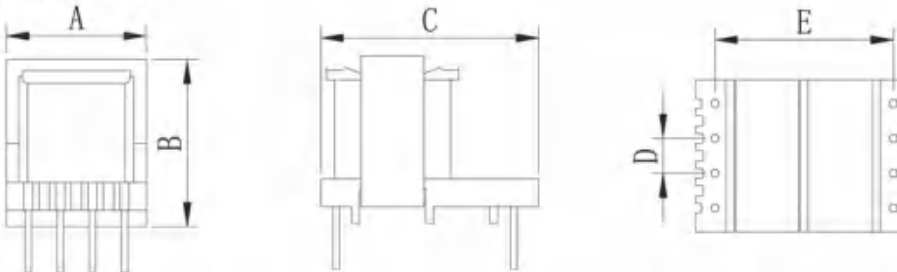
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EE8.3V-6Pin-01



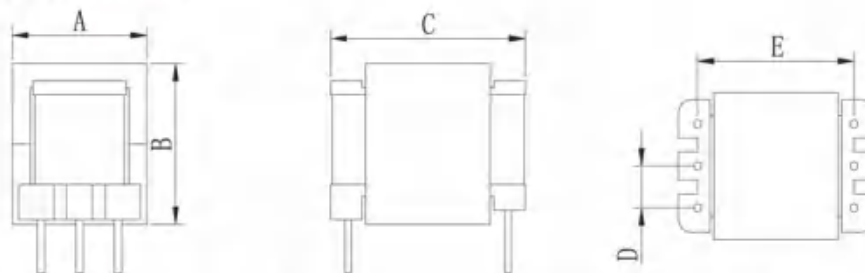
Design data for reference	External Dimensions(mm)	
1. Type: EE8.3 Core Ae=7.4mm ²	A	10.5Max.
2. Power Range: 3W	B	11.0Max.
3. Operation frequency: 10kHz~200kHz	C	16.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	2.50±0.2
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	13.0±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

Catalog No.:OCL-EE10V-8Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EE10 Core Ae=11.81mm ²	A	11.3Max.
2. Power Range: 5W	B	12.5Max.
3. Operation frequency: 10kHz~200kHz	C	17.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	2.50±0.2
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	13.80±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

Catalog No.:OCL-EE10V-6Pin-02



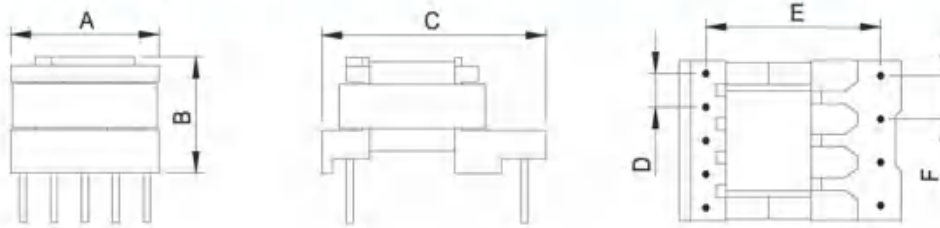
Design data for reference	External Dimensions(mm)	
1. Type: EE10 Core Ae=21.81mm ²	A	11.5Max.
2. Power Range: 8W	B	12.5Max.
3. Operation frequency: 10kHz~200kHz	C	16.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.00±0.2
5. Adapt to Safety Standard: JIS C9742-2000, UL5085,etc	E	13.00±0.5
Creepage distance Pri./Sec. ≥3.0mm	F	

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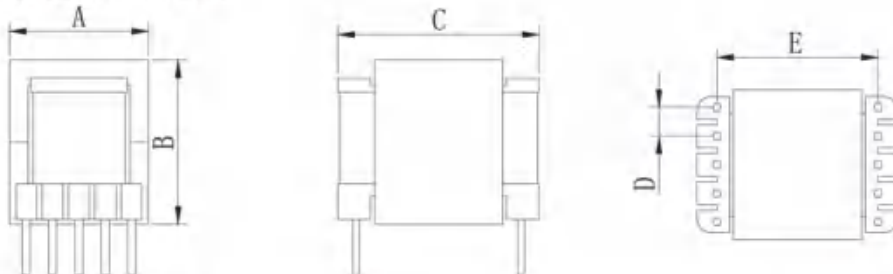
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EE12.6H-9Pin-01



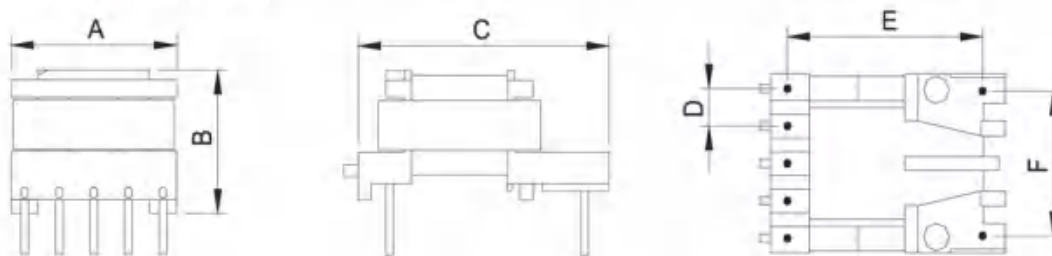
Design data for reference	External Dimensions(mm)	
1. Type: EE12.6 Core Ae=12.8mm ²	A	14.0Max.
2. Power Range: 5W	B	10.5Max.
3. Operation frequency: 10kHz~200kHz	C	21.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	2.72±0.2
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	15.35±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	3.5±0.3

Catalog No.:OCL-EE13V-10Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EE13 Core Ae=35.2mm ²	A	14.3Max.
2. Power Range: 12W	B	13.8Max.
3. Operation frequency: 10kHz~200kHz	C	16.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	2.50±0.2
5. Adapt to Safety Standard: JIS C9742-2000, UL5085,etc.	E	12.50±0.5
Creepage distance Pri./Sec. ≥3.0mm	F	

Catalog No.:OCL-EE13H-7Pin-01



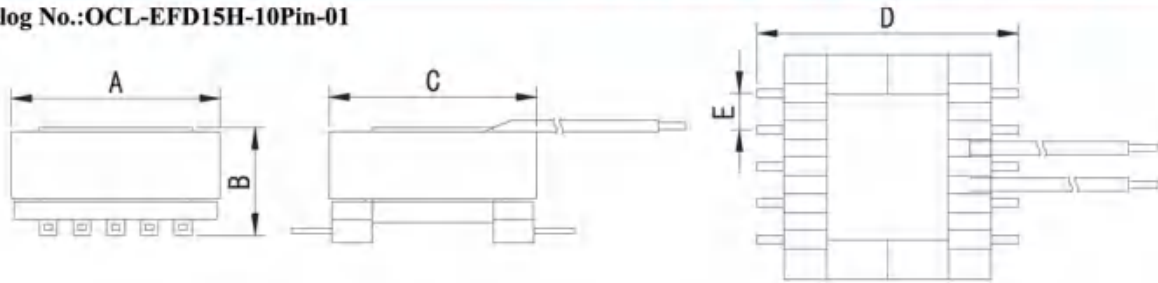
Design data for reference	External Dimensions(mm)	
1. Type: EE13 Core Ae=16.8mm ²	A	14.0Max.
2. Power Range: 5W	B	14.0Max.
3. Operation frequency:10kHz~200kHz	C	20.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	2.72±0.2
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	16.0±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	9.0±0.3

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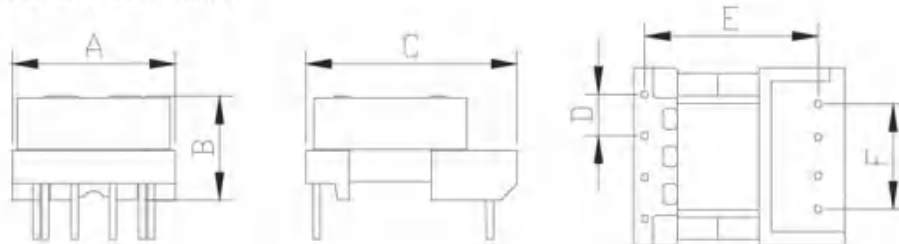
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EFD15H-10Pin-01



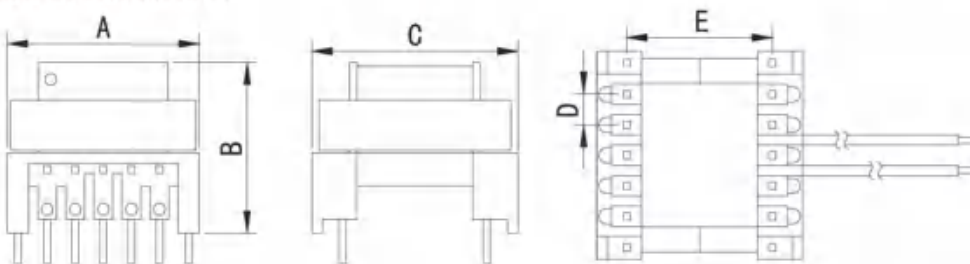
Design data for reference	External Dimensions(mm)	
1. Type: EFD15 Core Ae=15.0mm ²	A	16.8Max.
2. Power Range: 5W	B	8.5Max.
3. Operation frequency: 10kHz~200kHz	C	16.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	22.5±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	2.5±0.3
Creepage distance Pri./Sec.≥8.0mm	F	

Catalog No.:OCL-EFD15H-8Pin-02



Design data for reference	External Dimensions(mm)	
1. Type: EFD15 Core Ae=15.0mm ²	A	17.0Max.
2. Power Range: 5W	B	10.0Max.
3. Operation frequency: 10kHz~200kHz	C	21.5Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	3.75±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	17.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	9.5±0.3

Catalog No.:OCL-EF16H-14Pin-01



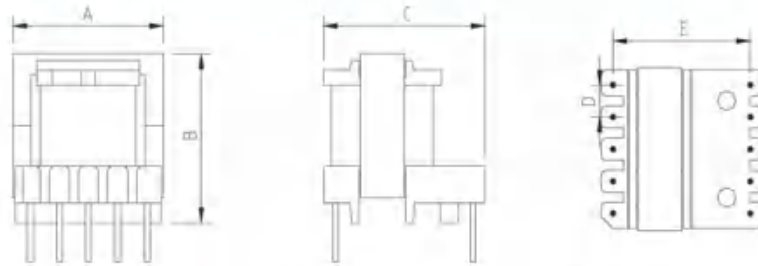
Design data for reference	External Dimensions(mm)	
1. Type: EF16 Core Ae=20.1mm ²	A	18.0Max.
2. Power Range: 8W	B	14.5Max.
3. Operation frequency: 10kHz~200kHz	C	20.5Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	2.5±0.2
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	12.6±0.5
Creepage distance Pri./Sec.≥8.0mm	F	

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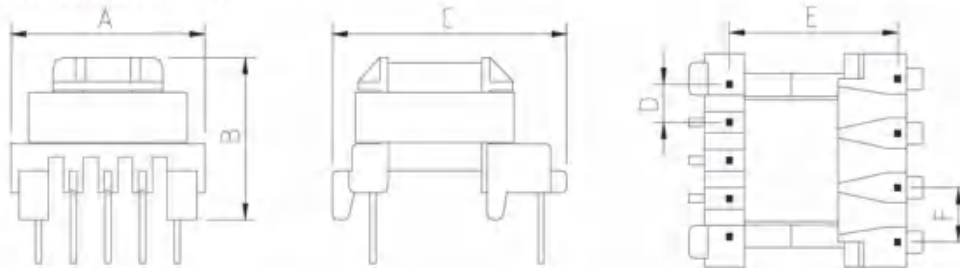
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EE16V-10Pin-01



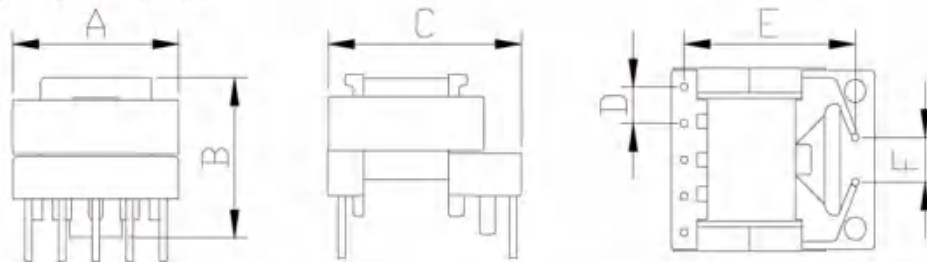
Design data for reference	External Dimensions(mm)	
1. Type: EE16 Core Ae=19.5mm ²	A	17.0Max.
2. Power Range: 8W	B	18.0Max.
3. Operation frequency: 10kHz~200kHz	C	19.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.25±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	15.1±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-EE16H-9Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EE16 Core Ae=20.1mm ²	A	20.3Max.
2. Power Range: 8W	B	17.5Max.
3. Operation frequency: 10kHz~200kHz	C	24.3Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.5±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	17.0±0.5
Creepage distance Pri./Sec.≥5.5mm	F	5.0±0.3

Catalog No.:OCL-EE16H-7Pin-02



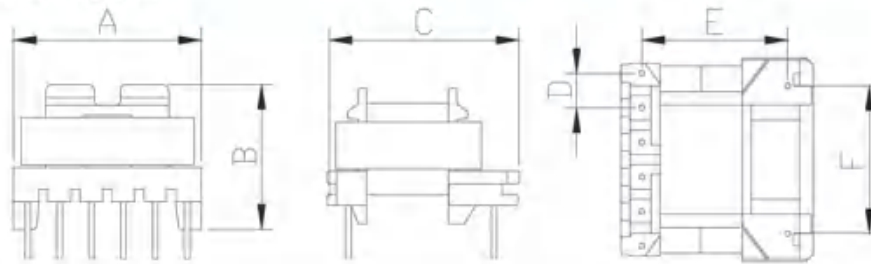
Design data for reference	External Dimensions(mm)	
1. Type: EE16 Core Ae=20.1mm ²	A	17.0Max.
2. Power Range: 8W	B	14.0Max.
3. Operation frequency: 10kHz~200kHz	C	20.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.25±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	16.5±0.5
Creepage distance Pri./Sec.≥6.0mm	F	4.0±0.3

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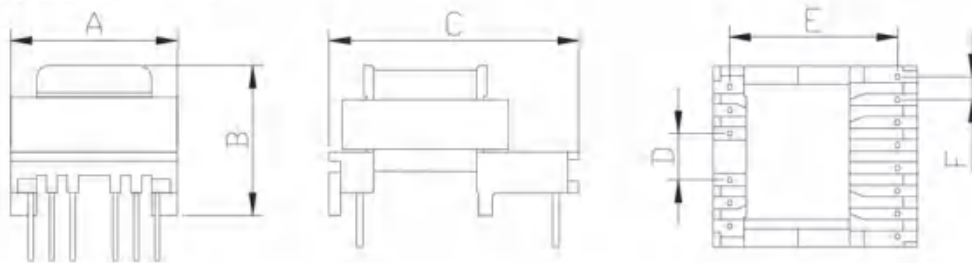
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EE19H-8Pin-01



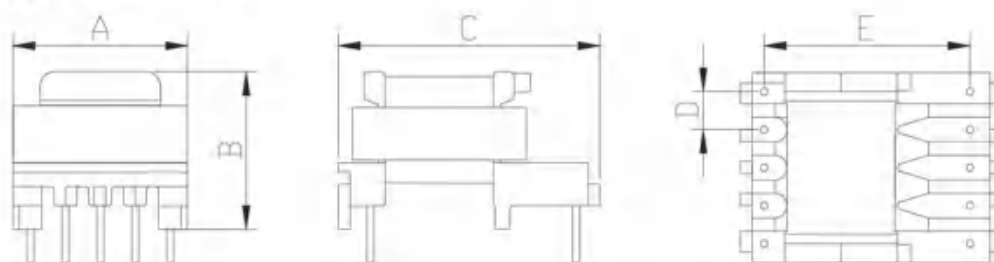
Design data for reference	External Dimensions(mm)	
1. Type: EE19 Core $A_e=22.28\text{mm}^2$	A	21.0Max.
2. Power Range: 10W	B	14.5Max.
3. Operation frequency: 10kHz~200kHz	C	21.5Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	3.5 ± 0.3
5. Adapt to Safety Standard: EN60950,UL5085,etc.	E	16.0 ± 0.5
Creepage distance Pri./Sec. $\geq 5.0\text{mm}$	F	15.0 ± 0.3

Catalog No.:OCL-EF20H-14Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EF20/6 Core $A_e=31.6\text{mm}^2$	A	21.0Max.
2. Power Range: 20W	B	15.8Max.
3. Operation frequency: 10kHz~200kHz	C	25.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	5.12 ± 0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	20.16 ± 0.5
Creepage distance Pri./Sec. $\geq 5.5\text{mm}$	F	2.52 ± 0.3

Catalog No.:OCL-EF20H-10Pin-02



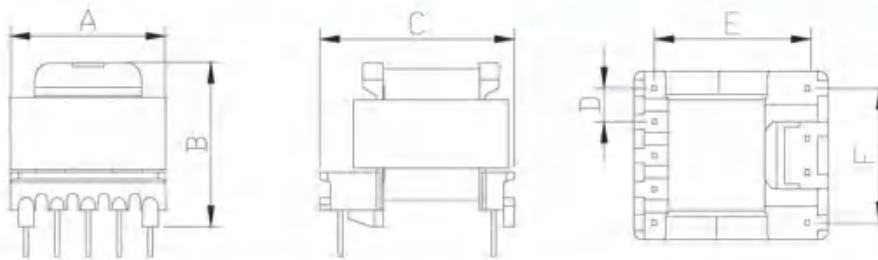
Design data for reference	External Dimensions(mm)	
1. Type: EF20/6 Core $A_e=31.6\text{mm}^2$	A	21.0Max.
2. Power Range: 20W	B	18.0Max.
3. Operation frequency: 10kHz~200kHz	C	31.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	4.0 ± 0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	23.6 ± 0.5
Creepage distance Pri./Sec. $\geq 8.0\text{mm}$	F	

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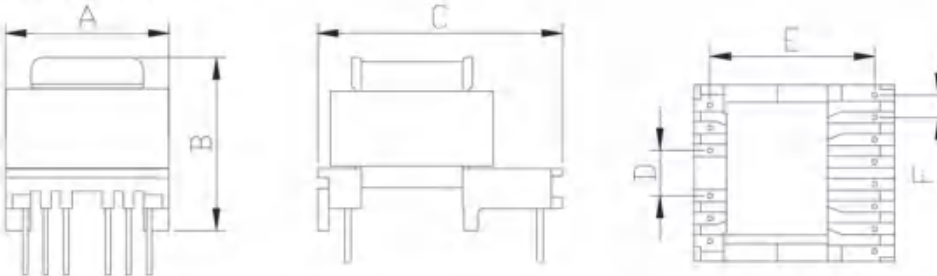
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EF20H-9Pin-03



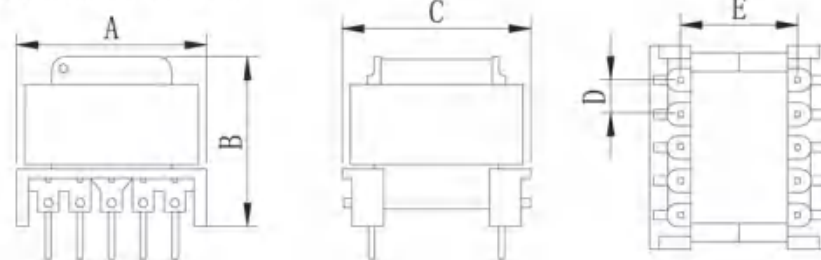
Design data for reference	External Dimensions(mm)	
1. Type: EF20/9 Core Ae=48.7mm ²	A	21.5Max.
2. Power Range: 25W	B	20.5Max.
3. Operation frequency: 10kHz~200kHz	C	26.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	4.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	19.7±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	16.0±0.3

Catalog No.:OCL-EF20H-14Pin-04



Design data for reference	External Dimensions(mm)	
1. Type: EF20/11 Core Ae=61.3mm ²	A	21.5Max.
2. Power Range: 30W	B	21.5Max.
3. Operation frequency: 10kHz~200kHz	C	25.5Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	5.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	20.0±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	2.5±0.3

Catalog No.:OCL-EF20H-10Pin-05



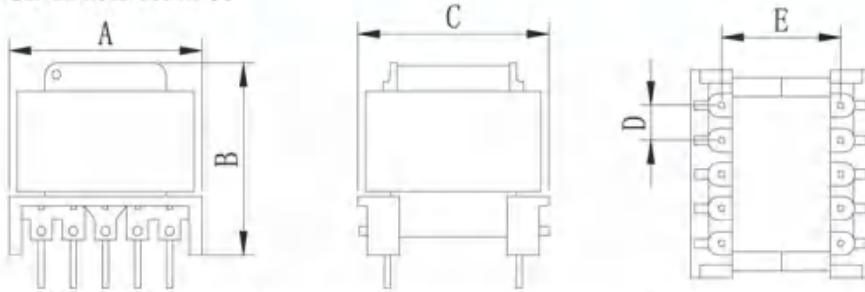
Design data for reference	External Dimensions(mm)	
1. Type: EF20/9 Core Ae=48.7mm ²	A	23.5Max.
2. Power Range: 25W	B	21.0Max.
3. Operation frequency: 10kHz~200kHz	C	23.5Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	3.8±0.3
5. Adapt to Safety Standard: JIS C9742-2000, UL5085,etc	E	15.6±0.5
Creepage distance Pri./Sec. ≥3.0mm	F	

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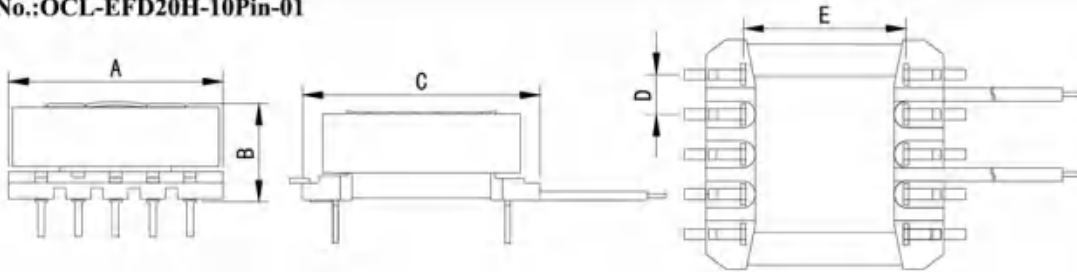
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EF20H-10Pin-06



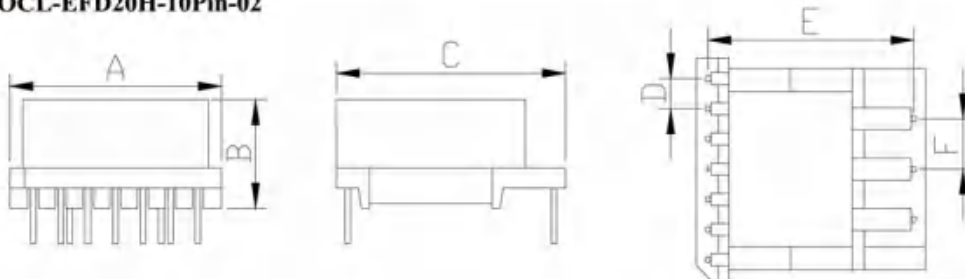
Design data for reference	External Dimensions(mm)	
1. Type: EF20/11 Core Ae=59.6mm ²	A	23.5Max.
2. Power Range: 30W	B	23.0Max.
3. Operation frequency: 10kHz~200kHz	C	23.5Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	3.8±0.3
5. Adapt to Safety Standard: JIS C9742-2000, UL5085,etc	E	15.14±0.5
Creepage distance Pri./Sec.≥3.0mm	F	

Catalog No.:OCL-EFD20H-10Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EFD20 Core Ae=31.0mm ²	A	22.0Max.
2. Power Range: 15W	B	11.0Max.
3. Operation frequency: 10kHz~200kHz	C	24.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	3.75±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	17.5±0.5
Creepage distance Pri./Sec.≥8.0mm	F	

Catalog No.:OCL-EFD20H-10Pin-02



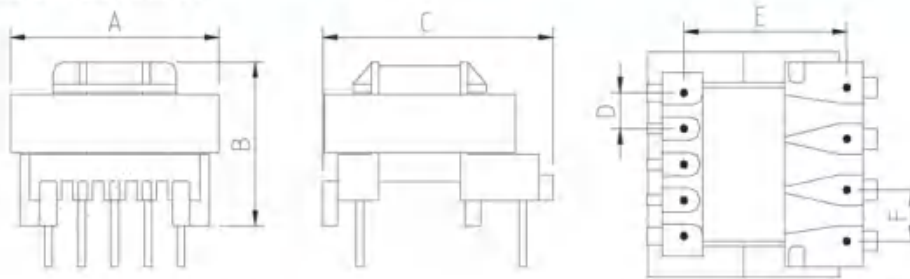
Design data for reference	External Dimensions(mm)	
1. Type: EFD20 Core Ae=31.0mm ²	A	23.5Max.
2. Power Range: 15W	B	11.5Max.
3. Operation frequency: 10kHz~200kHz	C	25.4Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	3.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	22.5±0.5
Creepage distance Pri./Sec.≥6.0mm	F	5.0±0.3

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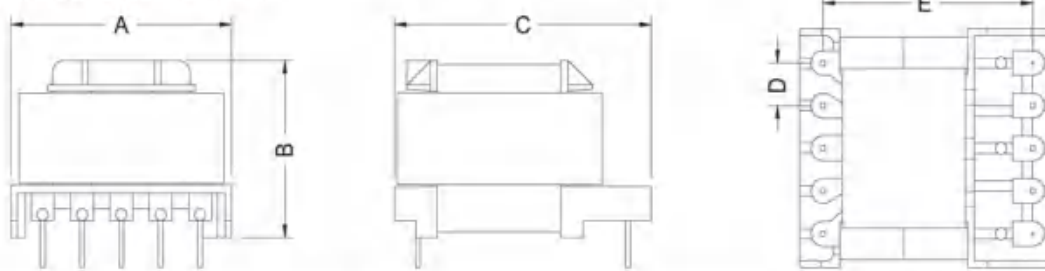
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EE22H-9Pin-01



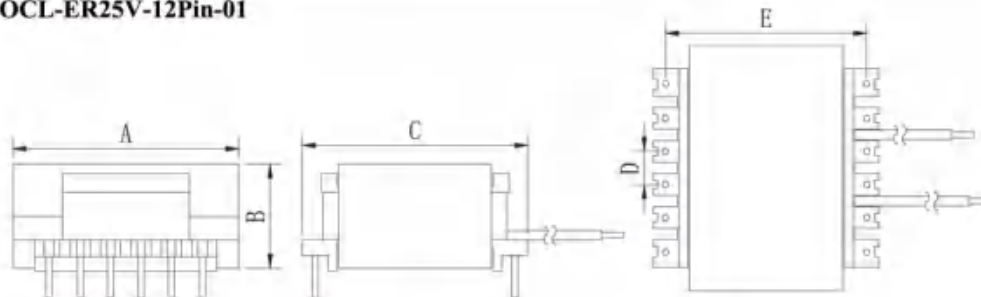
Design data for reference	External Dimensions(mm)	
1. Type: EE22 Core Ae=36.7mm ²	A	23.3Max.
2. Power Range: 25W	B	18.0Max.
3. Operation frequency: 10kHz~200kHz	C	25.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.5±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	17.2±0.5
Creepage distance Pri./Sec.≥5.5mm	F	5.0±0.3

Catalog No.:OCL-EF25H-10Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EF25 Core Ae=77.0mm ²	A	29.0Max.
2. Power Range: 30W	B	23.0Max.
3. Operation frequency: 10kHz~200kHz	C	33.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	26.7±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-ER25V-12Pin-01



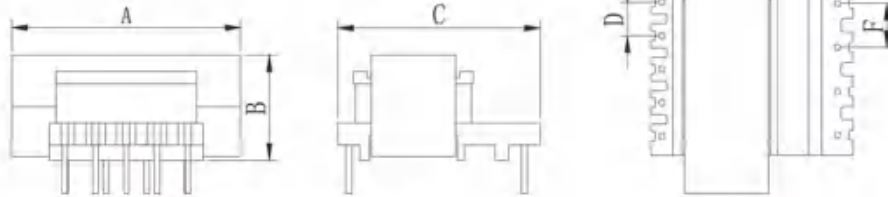
Design data for reference	External Dimensions(mm)	
1. Type: ER25 Core Ae=89.5mm ²	A	26.5Max.
2. Power Range: 35W	B	12.6Max.
3. Operation frequency: 10kHz~200kHz	C	26.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.5±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	22.5±0.5
Creepage distance Pri./Sec.≥8.0mm	F	

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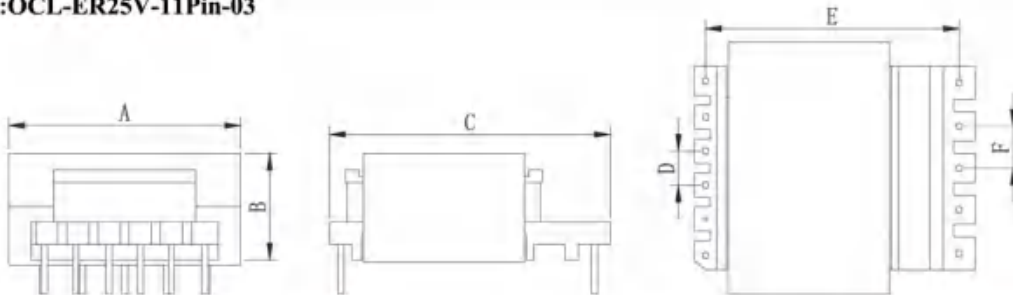
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-ER25V-9Pin-02



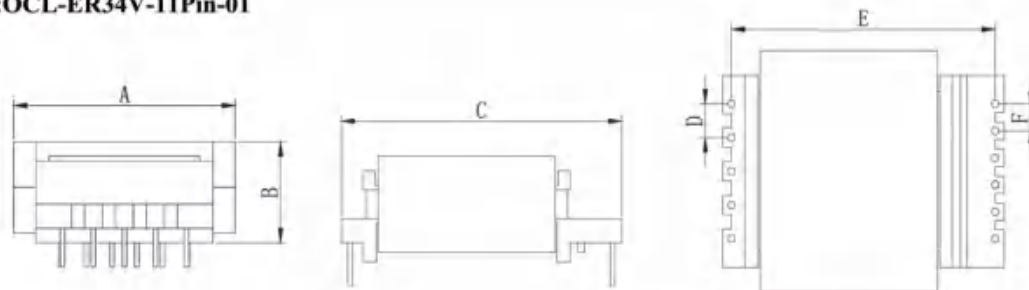
Design data for reference	External Dimensions(mm)	
1. Type: ER25 Core Ae=47.0mm ²	A	26.5Max.
2. Power Range: 20W	B	12.0Max.
3. Operation frequency: 10kHz~200kHz	C	25.5Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	3.5±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	21.0±0.5
Creepage distance Pri./Sec. ≥8.0mm	F	4.6±0.3

Catalog No.:OCL-ER25V-11Pin-03



Design data for reference	External Dimensions(mm)	
1. Type: ER25 Core Ae=89.5mm ²	A	26.5Max.
2. Power Range: 35W	B	12.6Max.
3. Operation frequency: 10kHz~200kHz	C	32.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	3.5±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	28.6±0.5
Creepage distance Pri./Sec. ≥8.0mm	F	4.5±0.3

Catalog No.:OCL-ER34V-11Pin-01



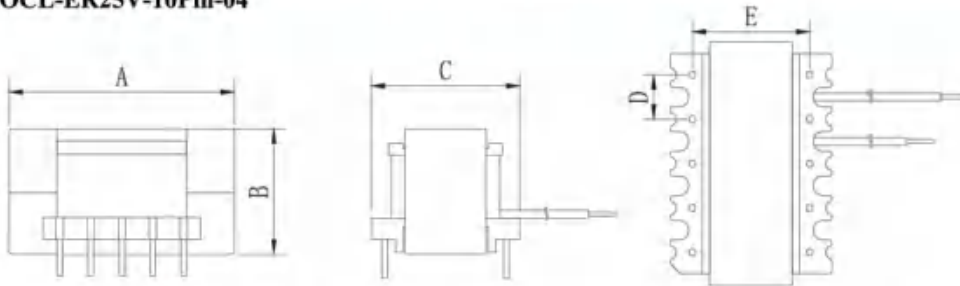
Design data for reference	External Dimensions(mm)	
1. Type: ER34 Core Ae=149.7mm ²	A	35.0Max.
2. Power Range: 50W	B	16.0Max.
3. Operation frequency: 10kHz~200kHz	C	42.5Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	5.0±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	38.0±0.5
Creepage distance Pri./Sec. ≥8.0mm	F	4.0±0.3

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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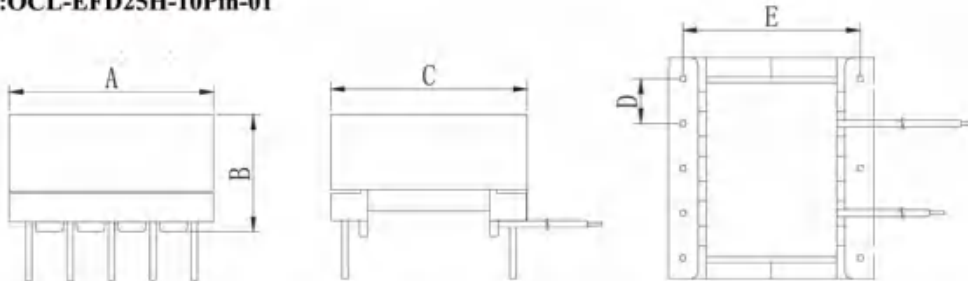
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-ER25V-10Pin-04



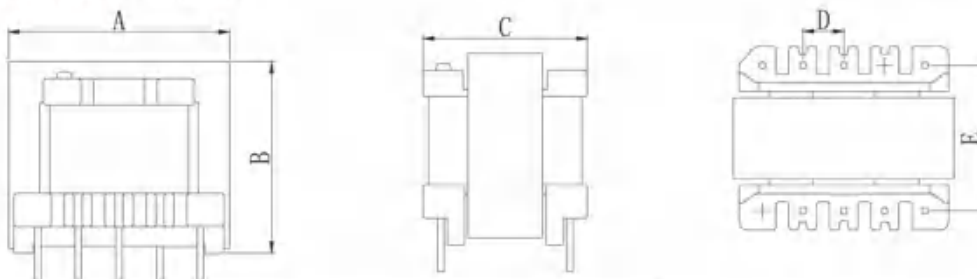
Design data for reference	External Dimensions(mm)	
1. Type: ER25 Core Ae=47.0mm ²	A	26.0Max.
2. Power Range: 20W	B	12.0Max.
3. Operation frequency: 10kHz~200kHz	C	19.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.5±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	14.0±0.5
Creepage distance Pri./Sec.≥8.0mm	F	

Catalog No.:OCL-EFD25H-10Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EFD25 Core Ae=58.6mm ²	A	26.5Max.
2. Power Range: 30W	B	14.0Max.
3. Operation frequency: 10kHz~200kHz	C	26.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc	E	22.5±0.5
Creepage distance Pri./Sec.≥8.0mm	F	

Catalog No.:OCL-EI28V-10Pin-01



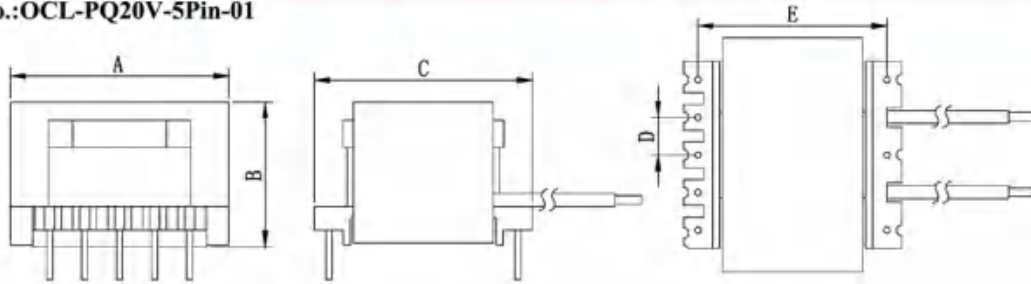
Design data for reference	External Dimensions(mm)	
1. Type: EI28 Core Ae=84.7mm ²	A	29.0Max.
2. Power Range: 35W	B	23.5Max.
3. Operation frequency: 10kHz~200kHz	C	23.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.3
5. Adapt to Safety Standard: JIS C9742-2000, UL1310,etc.	E	17.5±0.5
Creepage distance Pri./Sec.≥3.0mm	F	

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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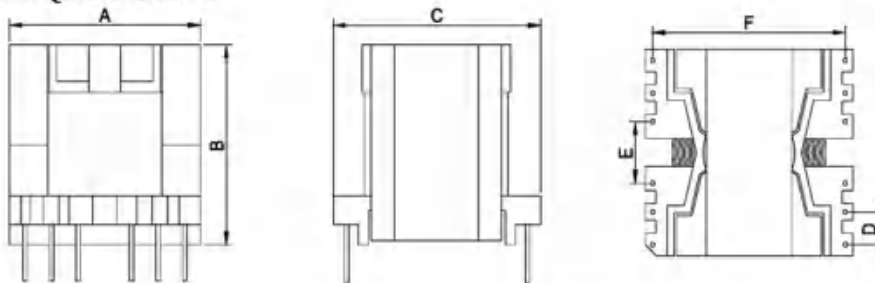
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-PQ20V-5Pin-01



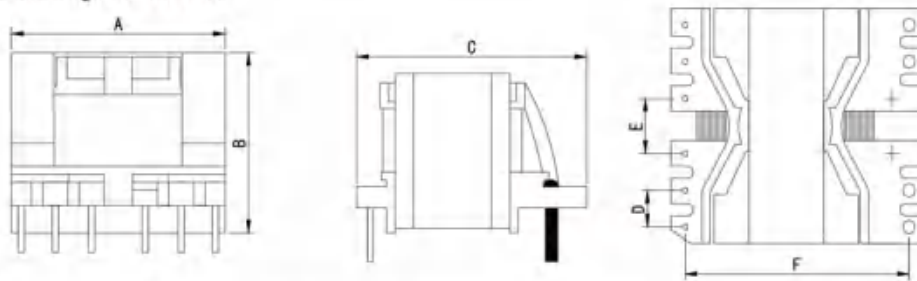
Design data for reference	External Dimensions(mm)	
1. Type: PQ20/13 Core Ae=62.0mm ²	A	21.5Max.
2. Power Range: 30W	B	14.0Max.
3. Operation frequency: 10kHz~200kHz	C	22.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.5±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	18.5±0.5
Creepage distance Pri./Sec.≥8.0mm	F	

Catalog No.:OCL-PQ26V-12Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: PQ2625 Core Ae=119.0mm ²	A	28.5Max.
2. Power Range: 70W	B	27.5Max.
3. Operation frequency: 10kHz~200kHz	C	30.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.8±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	7.6±0.3
Creepage distance Pri./Sec.≥5.5mm	F	25.5±0.5

Catalog No.:OCL-PQ32V-8Pin-01



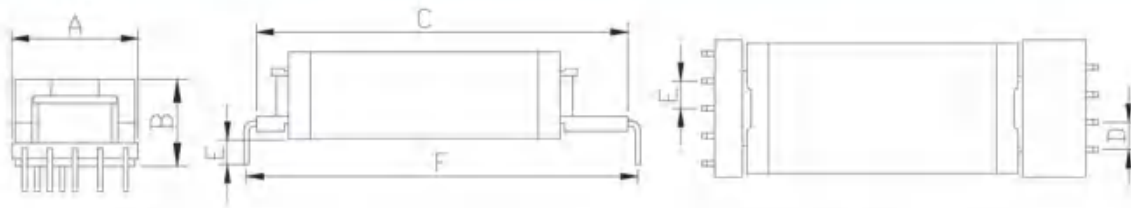
Design data for reference	External Dimensions(mm)	
1. Type: PQ3220 Core Ae=170.0mm ²	A	33.0Max.
2. Power Range: 90W	B	22.8Max.
3. Operation frequency: 10kHz~200kHz	C	38.8Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.3
5. Adapt to Safety Standard: EN60601, EN61558-2-17,etc.	E	7.5±0.3
Creepage distance Pri./Sec.≥8.0mm	F	33.55±0.5

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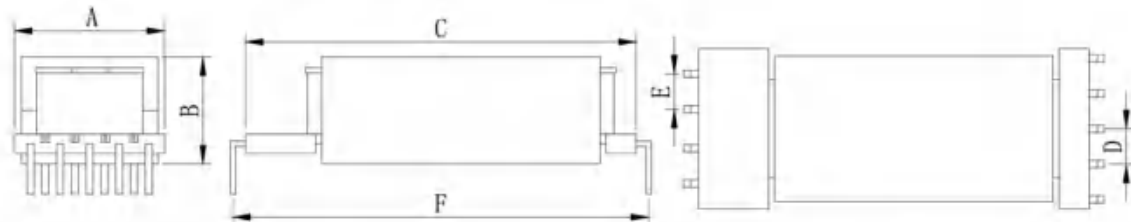
FLYBACK SWITCHING CONVERTER TRANSFORMERS

Catalog No.:OCL-EDR1325H-9Pin-01



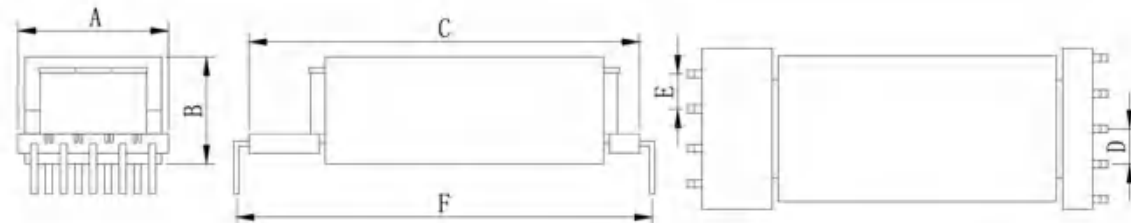
Design data for reference	External Dimensions(mm)	
1. Type: EDR1325 Core Ae=64.38mm ²	A	14.8Max.
2. Power Range: 20W	B	9.5Max.
3. Operation frequency: 10kHz~200kHz	C	38.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	3.0±0.3
Creepage distance Pri./Sec.≥6.0mm	F	39.5±0.5

Catalog No.:OCL-EDR1328H-9Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EDR1328 Core Ae=81.5mm ²	A	15.3Max.
2. Power Range: 25W	B	10.4Max.
3. Operation frequency: 10kHz~200kHz	C	41.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	3.0±0.3
Creepage distance Pri./Sec.≥6.0mm	F	42.5±0.5

Catalog No.:OCL-EDR1332H-9Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EDR1332 Core Ae=87.1mm ²	A	15.3Max.
2. Power Range: 30W	B	10.4Max.
3. Operation frequency: 10kHz~200kHz	C	45.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	3.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	3.0±0.3
Creepage distance Pri./Sec.≥6.0mm	F	47.5±0.5

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FEATURES AND TYPICAL APPLICATION

FORWARD, HALF BRIDGE AND FULL BRIDGE TRANSFORMERS



1. Features:

The Forward, Half bridge and Full bridge transformers made from high quality ferrite core with better design, good performance in low losses, leakage inductance and high saturate magnetic flux density.

变压器采用优质的铁氧体磁芯加良好的绕组工艺制作而成，具有低损耗、低漏感、高饱和磁通密度等特性。

2. Applications:

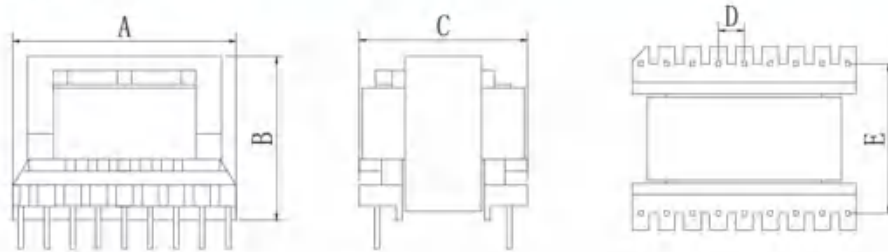
Street lamp power supply; Communication power supply; Industrial equipment power supply, etc.

路灯电源；通讯电源；工业设备电源等。

3. Power Range: 0.1KW~1.5KW

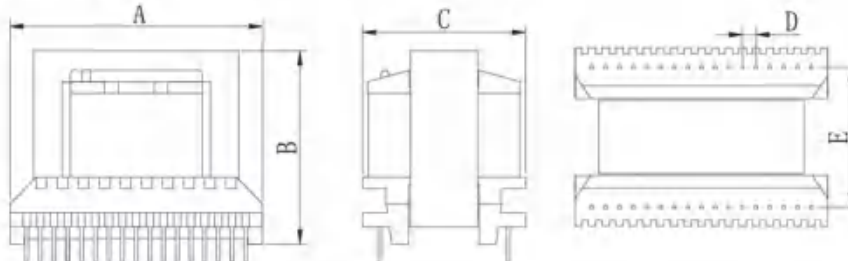
FORWARD, HALF BRIDGE AND FULL BRIDGE TRANSFORMERS

Catalog No.:OCL-EC29V-18Pin-01



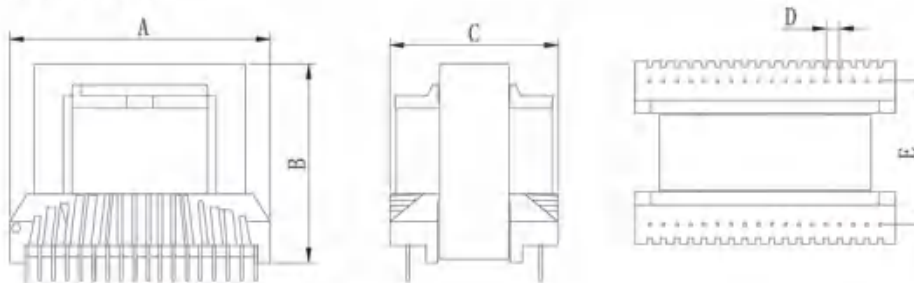
Design data for reference	External Dimensions(mm)	
1. Type: EC29 Core Ae=83.8mm ²	A	37.0Max.
2. Power Range: 75W	B	32.5Max.
3. Operation frequency: 10kHz~200kHz	C	27.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	4.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	20.0±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

Catalog No.:OCL-EI33V-34Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EI33 Core Ae=119.3mm ²	A	47.5Max.
2. Power Range: 100W	B	34.0Max.
3. Operation frequency: 10kHz~200kHz	C	31.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	2.54±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	20.5±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

Catalog No.:OCL-EC39-38Pin-01



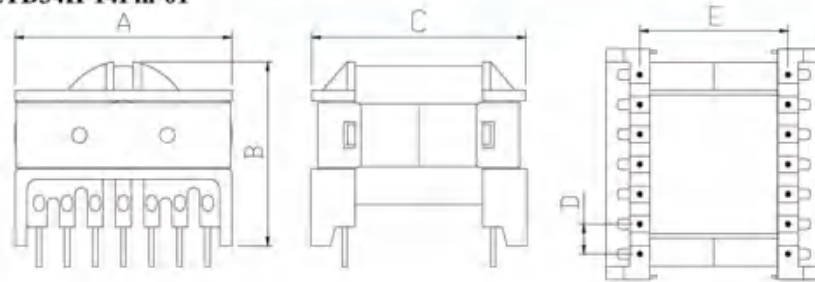
Design data for reference	External Dimensions(mm)	
1. Type: EC39 Core Ae=125.85mm ²	A	50.0Max.
2. Power Range: 150W	B	33.5Max.
3. Operation frequency: 10kHz~200kHz	C	33.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	2.5±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	25.0±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

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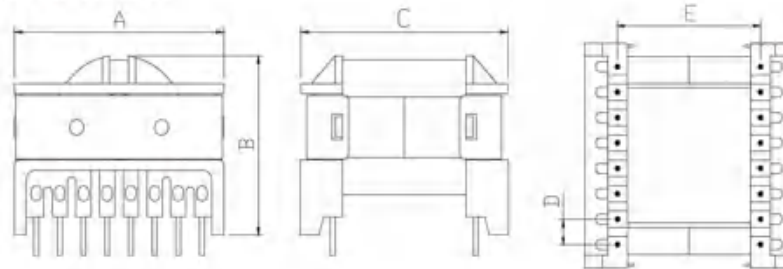
FORWARD, HALF BRIDGE AND FULL BRIDGE TRANSFORMERS

Catalog No.:OCL-ETD34H-14Pin-01



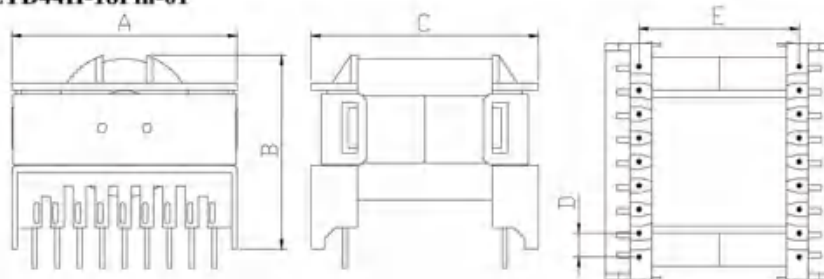
Design data for reference	External Dimensions(mm)	
1. Type: ETD34 Core Ae=96.6mm ²	A	41.0Max.
2. Power Range: 100W	B	32.0Max.
3. Operation frequency: 10kHz~200kHz	C	41.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	25.5±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

Catalog No.:OCL-ETD39H-16Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: ETD39 Core Ae=125mm ²	A	46.0Max.
2. Power Range: 150W	B	37.0Max.
3. Operation frequency: 10kHz~200kHz	C	45.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	30.2±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

Catalog No.:OCL-ETD44H-18Pin-01



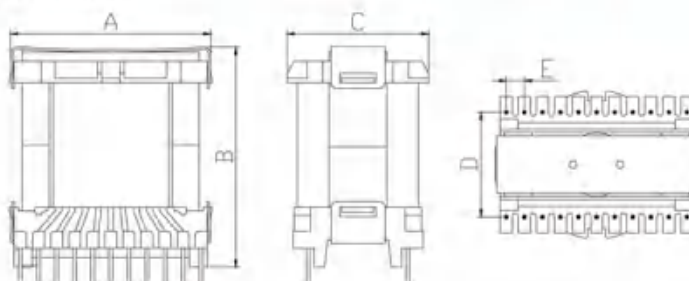
Design data for reference	External Dimensions(mm)	
1. Type: ETD44 Core Ae=172mm ²	A	51.5Max.
2. Power Range: 300W	B	41.5Max.
3. Operation frequency: 10kHz~200kHz	C	52.8Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	35.8±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

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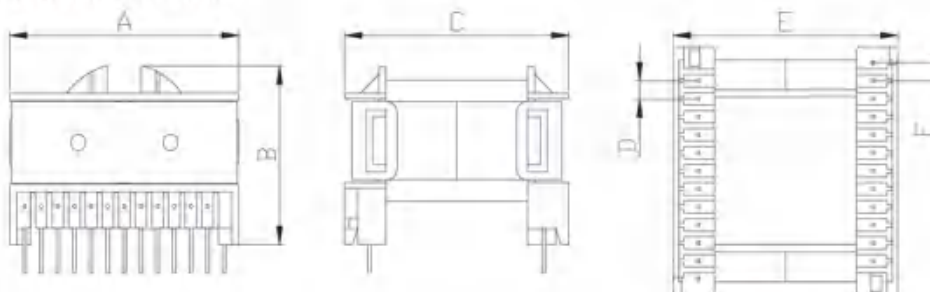
FORWARD, HALF BRIDGE AND FULL BRIDGE TRANSFORMERS

Catalog No.:OCL-ETD49V-22Pin-01



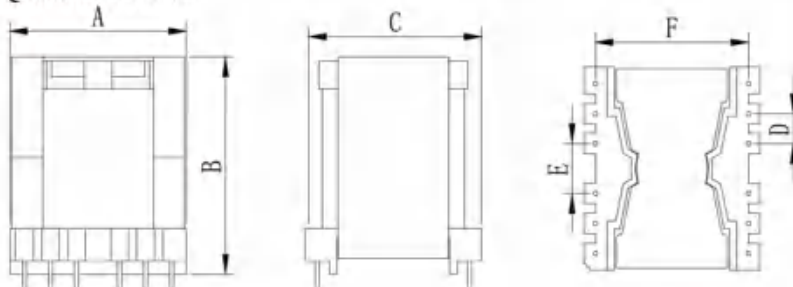
Design data for reference	External Dimensions(mm)	
1. Type: ETD49 Core Ae=212mm ²	A	56.0Max.
2. Power Range: 350W	B	60.0Max.
3. Operation frequency: 10kHz~200kHz	C	41.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	27.6±0.5
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	5.0±0.3
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-ETD59H-24Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: ETD59 Core Ae=368mm ²	A	62.0Max.
2. Power Range: 400W	B	48.5Max.
3. Operation frequency: 10kHz~200kHz	C	66.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	20*5.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	51.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	2*4.86±0.5

Catalog No.:OCL-PQ5050V-12Pin-01



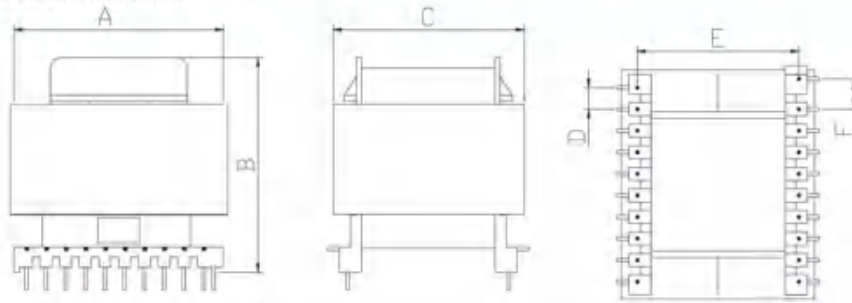
Design data for reference	External Dimensions(mm)	
1. Type: PQ5050 Core Ae=334mm ²	A	52.5Max.
2. Power Range: 600W	B	57.0Max.
3. Operation frequency: 10kHz~200kHz	C	54.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	7.5±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	12.5±0.5
Creepage distance Pri./Sec.≥6.0mm	F	45.8±0.8

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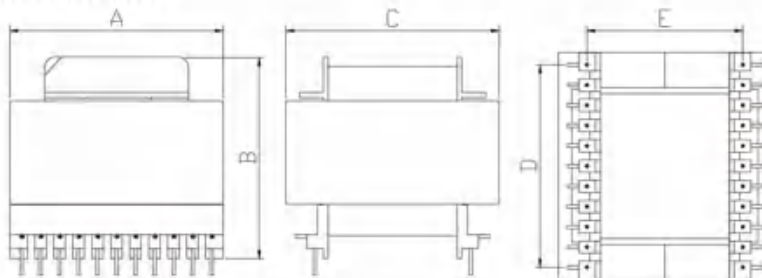
FORWARD, HALF BRIDGE AND FULL BRIDGE TRANSFORMERS

Catalog No.:OCL-EE55H-20Pin-01



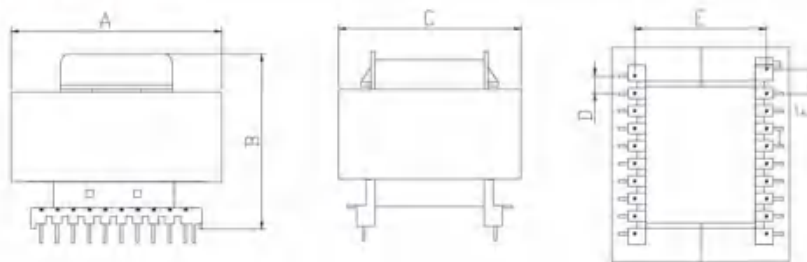
Design data for reference	External Dimensions(mm)	
1. Type: EE55 Core Ae=351.33mm ²	A	56.5Max.
2. Power Range: 600W	B	51.0Max.
3. Operation frequency: 10kHz~200kHz	C	57.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	18*5.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	44.5±0.6
Creepage distance Pri./Sec.≥6.0mm	F	7.5±0.3

Catalog No.:OCL-EE55H-22Pin-02



Design data for reference	External Dimensions(mm)	
1. Type: EE55 Core Ae=424mm ²	A	56.5Max.
2. Power Range: 750W	B	50.0Max.
3. Operation frequency: 10kHz~200kHz	C	56.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	10*4.9±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	39.4±0.6
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-EE65H-20Pin-01



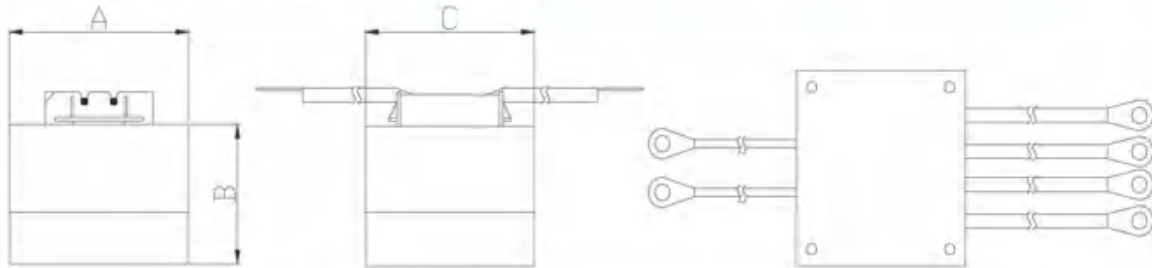
Design data for reference	External Dimensions(mm)	
1. Type: EE65 Core Ae=533.79mm ²	A	66.5Max.
2. Power Range: 800W	B	59.0Max.
3. Operation frequency: 10kHz~200kHz	C	66.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	18*5.0±0.3
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	44.5±0.6
Creepage distance Pri./Sec.≥6.0mm	F	7.5±0.3

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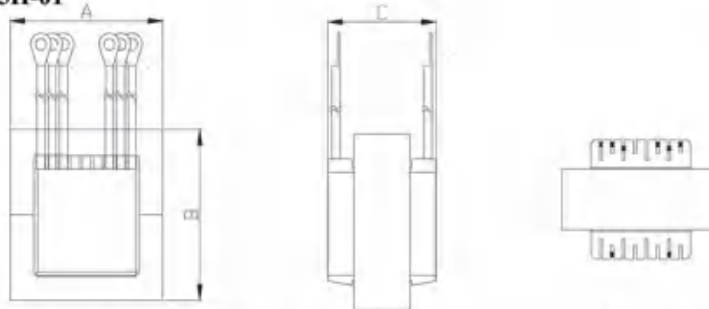
FORWARD, HALF BRIDGE AND FULL BRIDGE TRANSFORMERS

Catalog No.:OCL-EE70H-01



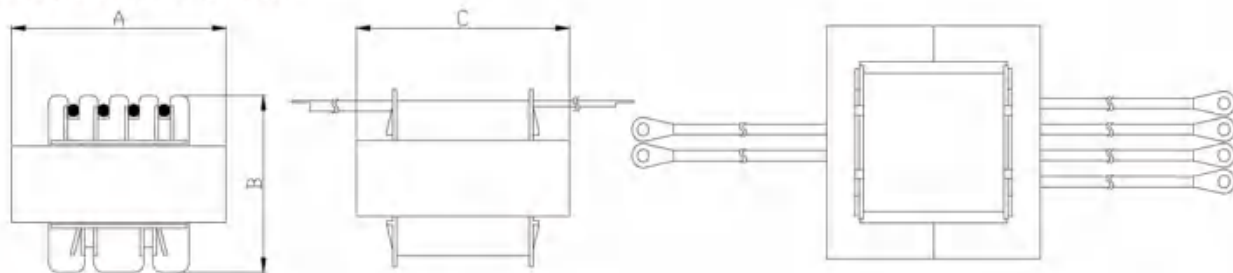
Design data for reference	External Dimensions(mm)	
1. Type: EE70 Core Ae=424mm ²	A	71.5Max.
2. Power Range: 750W	B	67.0Max.
3. Operation frequency: 10kHz~200kHz	C	67.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-EE85H-01



Design data for reference	External Dimensions(mm)	
1. Type: EE85 Core Ae=800mm ²	A	87.0Max.
2. Power Range: 1200W	B	89.0Max.
3. Operation frequency: 10kHz~200kHz	C	60.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-EE110H-01



Design data for reference	External Dimensions(mm)	
1. Type: EE110 Core Ae=1274mm ²	A	115.5Max.
2. Power Range: 1500W	B	84.0Max.
3. Operation frequency: 10kHz~200kHz	C	110.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	
Creepage distance Pri./Sec.≥6.0mm	F	

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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FEATURES AND TYPICAL APPLICATION

LLC TRANSFORMERS



1. Features:

The LLC transformers made from high quality ferrite materials with better design, good performance in low losses, high saturate magnetic flux density ,save cost compared with the normal one.

变压器采用优质的铁氧体磁芯和良好的绕组工艺制作而成，具有低损耗、高饱和磁通密度等特性，通过把初次级用双槽胶芯隔开，从而获得更大而稳定的漏电感，减少了电路中谐振电感的使用，降低了成本。

2. Applications:

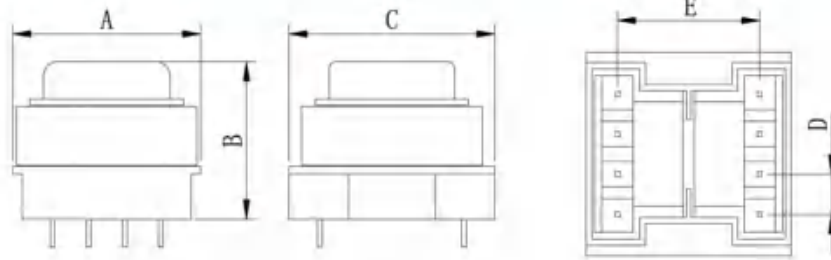
LED drive power supply; Liquid crystal display power supply; Communication power supply; Industrial power supply, etc.

LED驱动电源；液晶显示器；通讯电源；工业电源等。

3. Power Range: 100W~500W

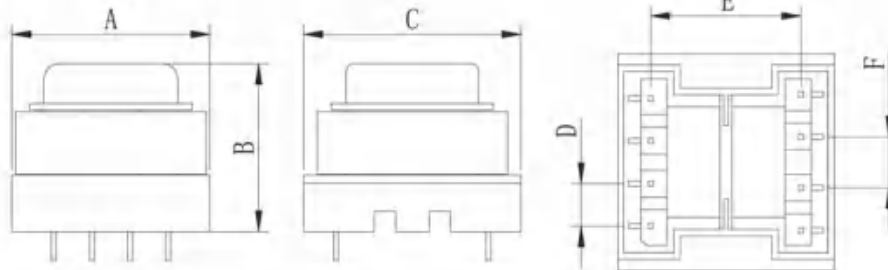
LLC TRANSFORMERS

Catalog No.:OCL-EF25H-8Pin-01



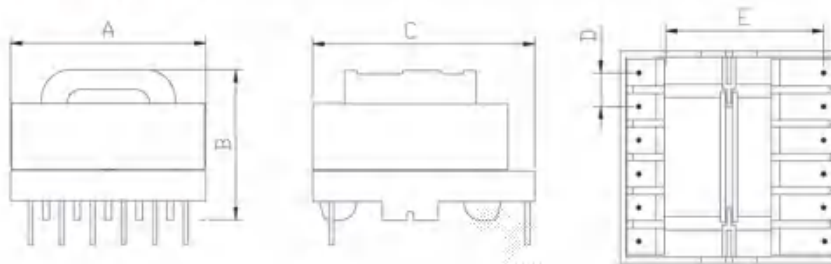
Design data for reference	External Dimensions(mm)	
1. Type: EF25 Core Ae=51mm ²	A	26.5Max.
2. Power Range: 50W	B	21.0Max.
3. Operation frequency: 10kHz~200kHz	C	29.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	20.0±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

Catalog No.:OCL-ER28H-8Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: ER28 Core Ae=85.80mm ²	A	32.0Max.
2. Power Range: 120W	B	22.5Max.
3. Operation frequency: 10kHz~200kHz	C	34.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	6.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	22.0±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	8.0±0.4

Catalog No.:OCL-ETD29H-12Pin-01



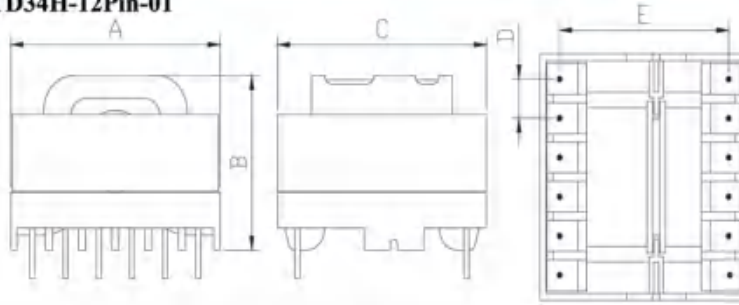
Design data for reference	External Dimensions(mm)	
1. Type: ETD29 Core Ae=76mm ²	A	31.0Max.
2. Power Range: 100W	B	24.0Max.
3. Operation frequency: 10kHz~200kHz	C	42.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	35.0±0.5
Creepage distance Pri./Sec. ≥6.0mm	F	

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

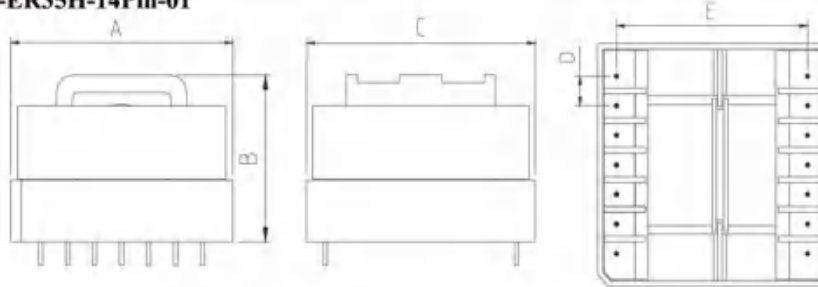
LLC TRANSFORMERS

Catalog No.:OCL-ETD34H-12Pin-01



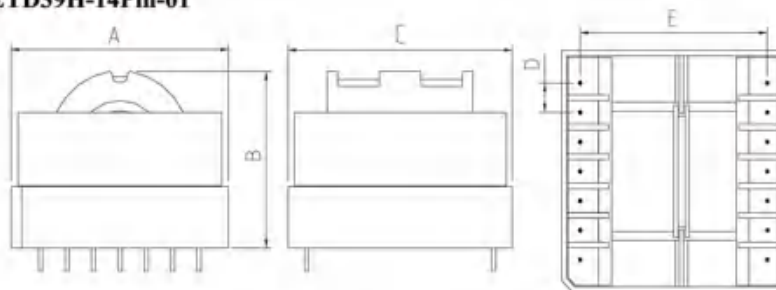
Design data for reference	External Dimensions(mm)	
1. Type: ETD34 Core $A_e=96.6\text{mm}^2$	A	36.0Max.
2. Power Range: 120W	B	26.0Max.
3. Operation frequency: 10kHz~200kHz	C	36.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	5.5±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	28.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-ER35H-14Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: ER35 Core $A_e=111.31\text{mm}^2$	A	37.0Max.
2. Power Range: 150W	B	27.0Max.
3. Operation frequency: 10kHz~200kHz	C	45.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	5.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	37.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-ETD39H-14Pin-01



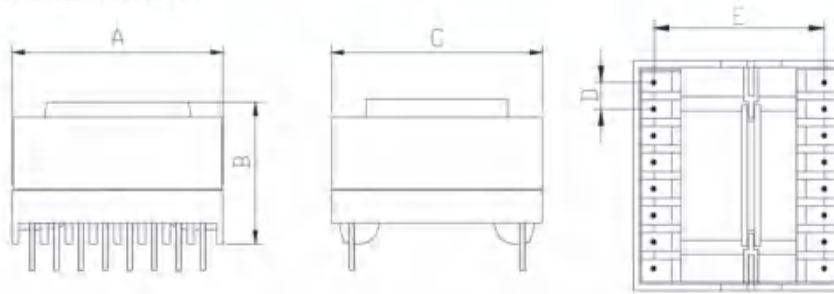
Design data for reference	External Dimensions(mm)	
1. Type: ETD39 Core $A_e=125\text{mm}^2$	A	43.0Max.
2. Power Range: 180W	B	32.0Max.
3. Operation frequency: 10kHz~200kHz	C	44.0Max.
4. Insulation class: Class-B (130°C) or Class-F (155°C)	D	5.8±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	36.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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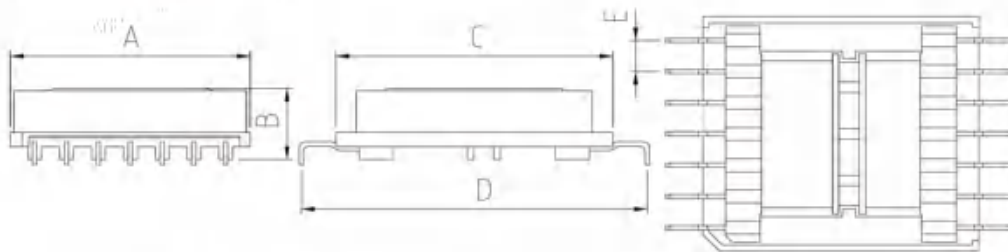
LLC TRANSFORMERS

Catalog No.:OCL-EFD40H-16Pin-01



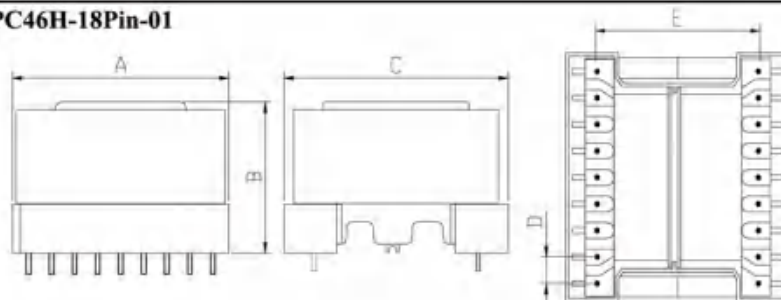
Design data for reference	External Dimensions(mm)	
1. Type: EFD40H Core Ae=106.5mm ²	A	44.0Max.
2. Power Range: 150W	B	23.0Max.
3. Operation frequency: 10kHz~200kHz	C	45.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	35.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-EMC43H-14Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EMC43 Core Ae=75mm ²	A	46.0Max.
2. Power Range: 100W	B	13.5Max.
3. Operation frequency: 10kHz~200kHz	C	53.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	65.2±0.8
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	6.0±0.4
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-EPC46H-18Pin-01



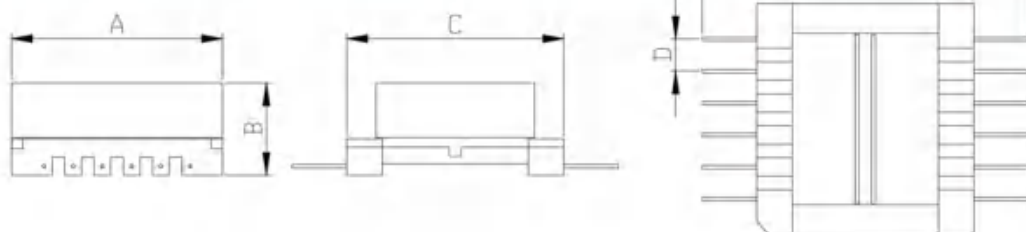
Design data for reference	External Dimensions(mm)	
1. Type: EPC46 Core Ae=216mm ²	A	48.0Max.
2. Power Range: 300W	B	31.5Max.
3. Operation frequency: 10kHz~200kHz	C	51.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	35.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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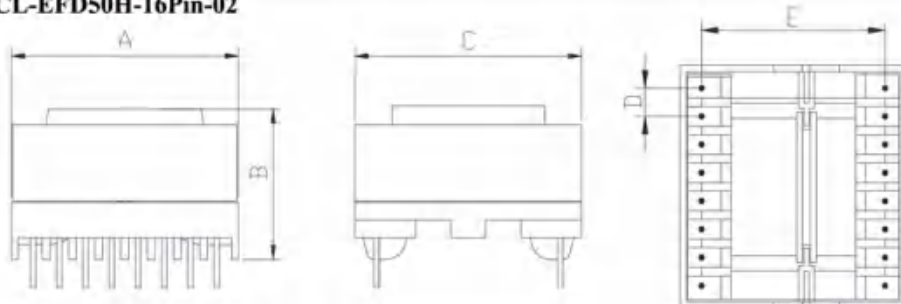
LLC TRANSFORMERS

Catalog No.:OCL-EFD50H-12Pin-01



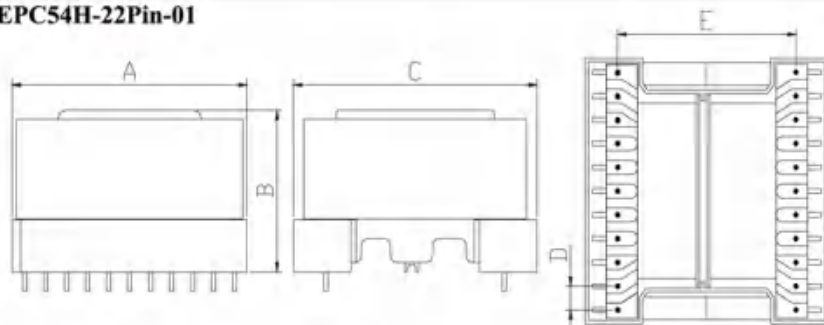
Design data for reference	External Dimensions(mm)	
1. Type: EFD50 Core Ae=155.8mm ²	A	51.50Max.
2. Power Range: 200W	B	22.0Max.
3. Operation frequency: 10kHz~200kHz	C	53.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	7.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	97.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-EFD50H-16Pin-02



Design data for reference	External Dimensions(mm)	
1. Type: EFD50H Core Ae=155.8mm ²	A	51.50Max.
2. Power Range:200W	B	26.0Max.
3. Operation frequency: 10kHz~200kHz	C	52.0Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	6.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	42.0±0.5
Creepage distance Pri./Sec.≥6.0mm	F	

Catalog No.:OCL-EPC54H-22Pin-01



Design data for reference	External Dimensions(mm)	
1. Type: EPC54 Core Ae=305mm ²	A	57.50Max.
2. Power Range: 500W	B	36.0Max.
3. Operation frequency: 10kHz~200kHz	C	59.5Max.
4. Insulation class: Class-B (130℃) or Class-F (155℃)	D	5.0±0.4
5. Adapt to Safety Standard: EN60950, EN61558-2-17,etc.	E	42.5±0.6
Creepage distance Pri./Sec.≥6.0mm	F	

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

FEATURES AND TYPICAL APPLICATION

COMMON MODE CHOKES



1. Features:

The common mode chokes made from high quality ferrite materials, good performance in the suppression of the common mode interference and high frequency noise.

共模电感采用高品质的铁氧体材料制作而成，具有优良的高频阻抗特性，低的分布电容，对各种高频共模干扰和高频噪音有非常好的抑制效果。

2. Applications:

LED drive power supply; Battery Charger; Home appliances; Communication power supply; Industrial power supply, etc.

LED驱动电源；充电器；家用电器；通讯电源；工业电源等。

3. Current Range: 0.1A~50A.

COMMON MODE CHOKES

Fig.:A

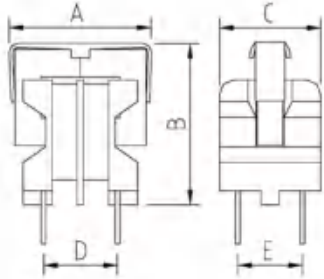


Fig.:B

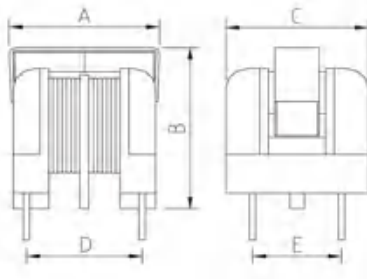
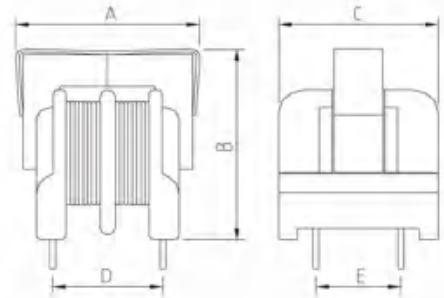


Fig.:C



Type:UU9.8, UU10.5, UU15.7 etc.		High-frequency impedance			Rating current	Wire	DCR	Fig.				
Catalog No.and Core type	Figure dimensions:mm								Best	Better	Good	
	Tolerance:Max			±0.4					Inductance:1.0KHz 0.25V			
	A	B	C	D	E	(mH)±25%	(mH)±25%	(mH)±30%				
						Ampere (Ref.)	ϕmm	Ω Max.				
OCL-UU9.8V-4Pin-01	16	17	12.0	8.0	7.0	38.3	52.7	65.1	0.14	0.17	5.00	A
						20.0	27.6	34.1	0.19	0.20	2.63	
						11.2	15.5	19.1	0.25	0.23	1.50	
						8.2	11.3	14.0	0.29	0.25	1.08	
						5.9	8.2	10.1	0.34	0.27	0.78	
						3.9	5.4	6.6	0.42	0.30	0.51	
OCL-UU10.5V-4Pin-01	19	22.3	17.0	13.0	10.0	32.7	44.4	75.7	0.29	0.25	2.20	B
						24.2	32.8	56.0	0.34	0.27	1.60	
						15.9	21.6	36.8	0.42	0.30	1.06	
						12.2	16.6	28.3	0.48	0.32	0.82	
						8.5	11.5	19.6	0.58	0.35	0.58	
						6.8	9.2	15.6	0.64	0.37	0.47	
						5.1	6.9	11.7	0.75	0.40	0.35	
						3.1	4.2	7.2	0.95	0.45	0.22	
OCL-UU15.7V-4Pin-01	23.0	26.8	19.6	13.0	10.0	41.0	50.6	87.0	0.58	0.35	1.20	C
						32.6	40.3	69.2	0.64	0.37	0.95	
						23.8	29.4	50.5	0.75	0.40	0.69	
						15.0	18.5	31.8	0.95	0.45	0.44	
						9.8	12.1	20.8	1.17	0.50	0.29	
						6.7	8.2	14.1	1.42	0.55	0.20	
						4.7	5.8	9.9	1.55	0.60	0.14	
						3.4	4.2	7.2	1.82	0.65	0.11	

Notes: We can design and produce common mode chokes based on your specifications, please contact us directly.

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COMMON MODE CHOKES

Fig.:A(V:Vertical)

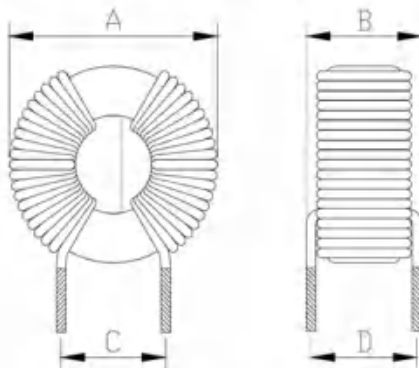
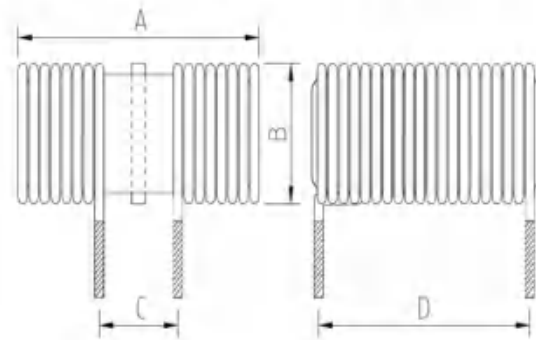


Fig.:B(H:Horizontal)



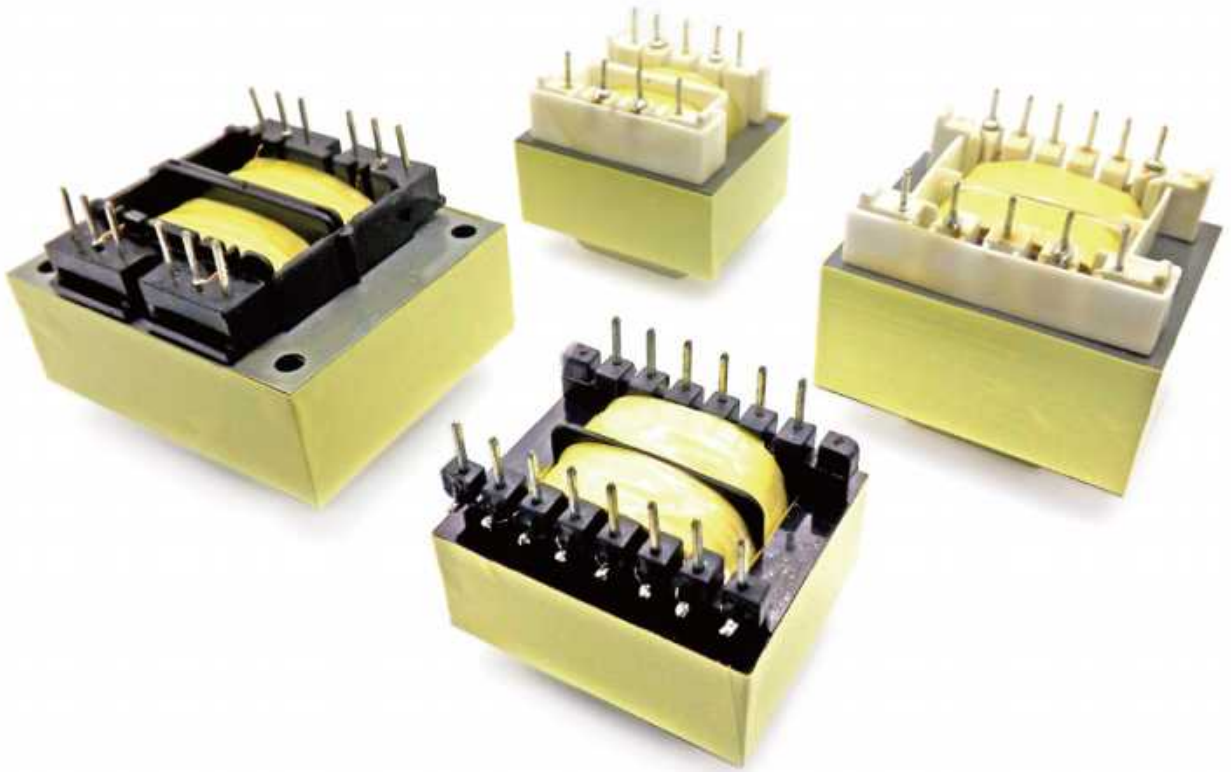
Type:Ring core, $\phi 31$, $\phi 25$, $\phi 20$, etc.					High-frequency impedance			Rating current	Wire	DCR	Fig.
Catalog No.and Core type	Figure dimensions:mm				Best	Better	Good				
	Tol.:Max.		±Ref.		Inductance:1.0KHz 0.25V						
	A	B	C	D	(mH)±25%	(mH)±25%	(mH)±30%				
OCL-R20H/V-4Pin-01	23.2	13.5	8.0	V:12.0	20.1	28.1	40.2	0.75	0.40	0.300	A or B
					14.1	19.7	28.1	0.95	0.45	0.197	
	10.6	14.9			21.3	1.17	0.50	0.145			
	23.6	13.7		H:21.0	8.1	11.4	16.3	1.42	0.55	0.105	
					6.8	9.5	13.6	1.55	0.60	0.085	
					5.2	7.3	10.4	1.82	0.65	0.065	
OCL-R25H/V-4Pin-01	29.0	15.0	10.0	V:13.5	10.3	14.5	20.7	2.11	0.70	0.085	A or B
					8.6	12.0	17.2	2.42	0.75	0.066	
	7.4	10.3			14.8	2.75	0.80	0.055			
	29.5	15.5		H:26.0	6.2	8.8	12.5	3.11	0.85	0.046	
					5.2	7.3	10.5	3.48	0.90	0.039	
					4.3	6.0	8.6	3.88	0.95	0.032	
	30.5	16.0		3.7	5.2	7.4	3.92	1.0	0.028		
				2.7	3.8	5.4	5.64	1.2	0.016		
31.2			16.5								
OCL-R31H/V-4Pin-01	36.5	18.5	12.0	V:17.0	12.3	17.2	24.6	3.48	0.90	0.060	A or B
					10.7	15.0	21.4	3.88	0.95	0.050	
	9.7	13.6			19.4	3.92	1.0	0.044			
	37.0	19.0		H:32.0	7.4	10.3	14.7	4.74	1.1	0.033	
					5.7	8.0	11.5	5.64	1.2	0.026	
					4.3	6.0	8.6	6.61	1.3	0.020	
	37.5	19.5		3.4	4.7	6.7	7.67	1.4	0.015		
				2.3	3.2	4.6	8.81	1.5	0.012		
38.0	20.0										

Notes: We can design and produce common mode chokes based on your specifications,please contact us directly.

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FEATURES AND TYPICAL APPLICATION

POWER TRANSFORMERS



1. Features:

The power transformers made from high quality silicon steel with better design, good performance in power transmission and security isolation, impedance matching, meet UL、CSA、JIS、VDE、IEC,etc.

电源变压器采用高品质的硅钢片和良好的设计制作而成，具有优良的功率转换，安全隔离，阻抗匹配功能，符合UL、CSA、JIS、VDE、IEC...等安规要求。

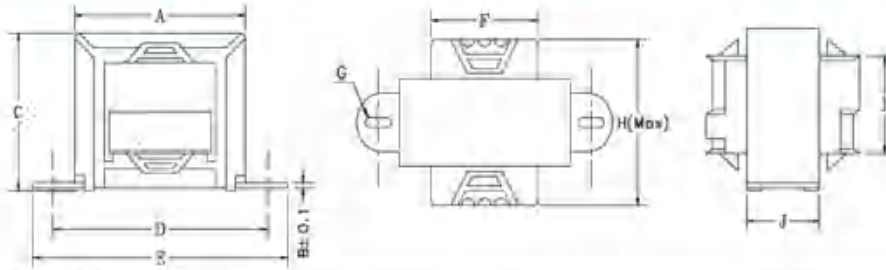
2. Applications:

Household appliances; Sound; Industrial power supply, etc.

家用电器；音响；工业电源等。

3. Power Range: 1VA~500VA.

POWER TRANSFORMERS

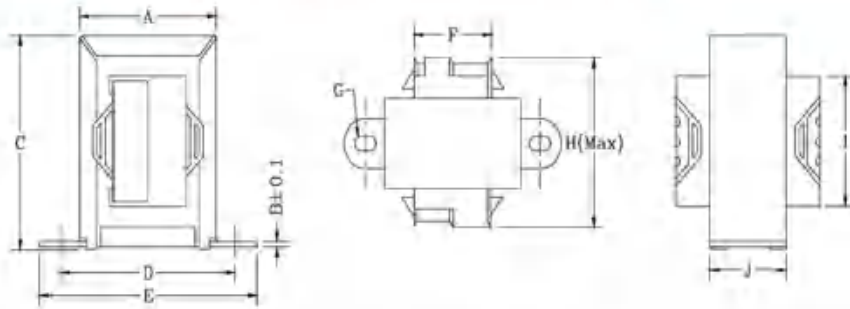


SIZE	CORE STACK (mm)	RANGE OF OUTPUT POWER (VA)	External Dimensions (mm)									
			A	B	C	D	E	F	G	H	I	J
OCL-EI-28V-01	12.0	1.0 ~ 1.4	30.5	0.6	27.5	37.0	46.0	20.0	2.9 x 4.6	32.0	17.0	14.5
	14.0	1.2 ~ 1.8	30.5	0.6	27.5	37.0	46.0	20.0	2.9 x 4.6	34.0	17.0	16.5
OCL-EI-35V-01	10.0	1.4 ~ 1.8	37.0	0.6	32.0	45.5	56.0	25.0	3.5 x 7.0	32.0	19.5	13.0
	11.0	1.5 ~ 2.0	37.0	0.6	32.0	45.5	56.0	25.0	3.5 x 7.0	33.0	19.5	13.0
	13.0	1.8 ~ 2.5	37.0	0.6	32.0	46.5	56.5	25.0	3.5 x 6.5	34.0	19.5	15.0
	13.5	1.8 ~ 2.6	37.0	0.6	32.0	46.5	56.0	25.0	3.5 x 6.5	35.0	19.5	15.5
	15.5	2.4 ~ 3.5	37.0	0.6	32.0	46.0	57.0	25.0	3.5 x 7.0	37.0	19.5	17.5
OCL-EI-41V-01	14.0	3.0 ~ 5.0	43.0	0.6	36.0	53.0	64.0	29.0	3.5 x 7.0	35.5	21.0	16.5
	16.5	4.0 ~ 5.8	43.0	0.6	36.0	53.0	64.0	29.0	3.5 x 7.0	38.0	21.0	18.5
	20.0	5.5 ~ 8.0	43.0	0.6	36.0	53.0	64.5	29.0	3.5 x 6.7	43.0	21.0	22.0
	24.5	6.5 ~ 10.0	43.0	0.7	36.0	53.0	64.0	29.0	3.5 x 7.0	48.0	21.0	26.5
	26.5	7.5 ~ 11.0	43.0	0.6	36.0	53.0	64.5	29.0	3.5 x 7.0	49.0	21.0	28.5
OCL-EI-48V-01	16.5	6.0 ~ 10.0	50.5	0.7	43.0	60.0	71.0	32.0	3.5 x 8.0	40.0	24.0	19.0
	18.5	8.0 ~ 12.0	50.5	0.7	43.0	60.0	71.0	32.0	3.5 x 8.0	42.0	24.0	21.0
	21.5	9.0 ~ 13.5	50.5	0.7	43.5	60.0	71.5	32.0	4.0 x 7.4	46.0	24.0	24.0
	23.5	11.0 ~ 15.0	50.5	0.7	43.0	62.0	73.5	32.0	3.5 x 7.0	48.0	24.0	25.5
	25.0	12.5 ~ 17.5	50.5	0.7	43.5	60.0	71.0	32.0	4.0 x 7.0	50.0	24.0	27.5
	27.0	13.5 ~ 19.0	50.5	0.7	43.0	60.0	71.5	32.0	4.0 x 7.0	49.0	24.0	29.5
OCL-EI-54V-01	18.0	11.0 ~ 16.0	56.5	0.7	48.5	66.0	78.0	36.0	4.5 x 7.5	44.0	27.0	20.5
	22.0	15.5 ~ 20.0	56.0	0.8	48.5	69.5	81.0	36.0	4.5 x 6.5	48.5	27.0	25.0
	24.5	15.5 ~ 23.0	56.0	0.8	48.5	69.5	81.0	36.0	4.5 x 6.5	51.0	27.0	27.5
OCL-EI-57V-01	19.0	15.0 ~ 20.0	59.5	0.8	51.0	73.0	84.5	38.0	4.7 x 8.8	48.0	28.5	21.5
	24.5	16.0 ~ 26.0	59.5	0.8	51.0	73.0	84.5	38.0	4.7 x 8.8	53.0	28.5	27.0
	25.0	16.0 ~ 27.0	59.5	0.8	51.0	70.0	84.0	38.0	4.3 x 7.8	53.0	28.5	27.5
	30.0	21.0 ~ 36.0	59.5	0.8	51.0	70.5	84.5	38.0	4.5 x 8.0	56.0	28.5	33.5
	35.0	25.0 ~ 40.0	59.5	0.8	51.0	70.5	84.5	38.0	4.5 x 8.0	56.0	28.5	33.5
OCL-EI-60V-01	24.0	18.0 ~ 28.0	63.0	0.9	53.5	77.0	90.5	40.0	4.5 x 8.0	55.0	30.0	27.0
	30.0	25.0 ~ 42.0	62.5	0.9	53.0	76.0	89.5	40.0	4.2 x 7.0	61.0	30.5	33.0
OCL-EI-66V-01	25.0	22.0 ~ 35.0	68.5	0.9	59.0	81.0	91.5	44.0	5.0 x 6.5	57.0	33.0	28.5
	28.0	26.0 ~ 45.0	68.5	0.9	59.0	81.0	91.5	44.0	5.0 x 6.5	60.0	33.0	31.5
	32.5	30.0 ~ 55.0	68.5	0.9	59.0	78.5	91.5	44.0	5.0 x 7.5	64.0	33.0	35.0
	36.0	36.0 ~ 65.0	68.5	0.9	59.0	81.0	91.5	44.0	5.0 x 7.0	67.5	33.0	39.0
	45.0	45.0 ~ 78.0	68.5	0.9	59.0	81.0	91.5	44.0	5.0 x 7.0	76.5	33.0	48.0
OCL-EI-76V-01	50.0	55.0 ~ 90.0	68.5	0.9	59.0	81.0	91.5	44.0	5.0 x 7.0	82.5	33.0	54.0
	40.0	60.0 ~ 80.0	79.5	1.2	68.0	94.0	110.0	51.0	6.0 x 9.0	78.0	38.5	44.0
	42.0	65.0 ~ 88.0	79.5	1.2	68.0	94.0	110.0	51.0	6.0 x 9.0	80.0	38.5	46.0
	50.5	85.0 ~ 115.0	79.5	1.2	68.0	94.0	110.0	51.0	6.0 x 9.0	88.0	38.5	54.5
OCL-EI-86V-01	56.0	110.0 ~ 150.0	79.5	1.2	68.0	94.0	110.0	51.0	6.0 x 9.0	93.0	38.5	60.0
	36.0	60.0 ~ 100.0	89.5	1.2	76.0	107.0	125.0	57.5	6.0 x 10.0	71.0	43.0	40.0
	42.0	85.0 ~ 118.0	89.5	1.2	76.0	107.0	125.0	57.5	6.0 x 10.0	79.0	43.0	46.0
	43.0	90.0 ~ 125.0	89.5	1.2	76.0	107.0	125.0	57.5	6.0 x 10.0	81.0	43.0	47.0
	50.0	100.0 ~ 155.0	89.5	1.2	76.0	107.0	125.0	57.5	6.0 x 10.0	88.0	43.0	54.0
	55.0	120.0 ~ 175.0	89.5	1.2	76.0	107.0	125.0	57.5	6.0 x 10.0	94.0	43.0	59.0
OCL-EI-96V-01	50.0	160.0 ~ 220.0	100.0	1.2	84.5	118.0	137.0	64.0	6.0 x 12.0	90.0	48.0	54.0
	60.0	200.0 ~ 250.0	100.0	1.2	84.5	118.0	137.0	64.0	6.0 x 12.0	100.0	48.0	64.0
	70.0	180.0 ~ 300.0	100.0	1.2	84.5	118.0	137.0	64.0	6.0 x 12.0	113.0	48.0	74.0

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POWER TRANSFORMERS

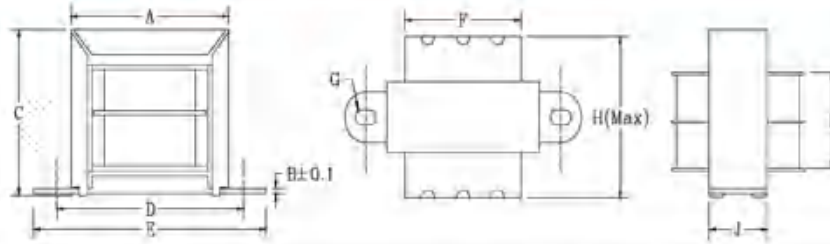


SIZE	CORE STACK (mm)	RANGE OF OUTPUT POWER (VA)	External Dimensions (mm)									
			A	B	C	D	E	F	G	H	I	J
OCL-EI-28H-01	12.0	1.0 ~ 1.4	27.0	0.5	30.0	33.5	43.0	17.0	2.9 x 4.6	32.0	20.0	14.5
	14.0	1.0 ~ 1.8	27.0	0.5	30.0	33.5	43.0	17.0	2.9 x 4.6	34.0	20.0	16.5
OCL-EI-35H-01	10.0	1.4 ~ 1.8	31.5	0.6	37.5	40.5	51.5	20.0	3.5 x 6.5	32.0	25.0	12.0
	11.0	1.5 ~ 2.0	31.5	0.6	37.5	39.5	50.0	20.0	3.4 x 7.0	33.0	25.0	13.0
	13.5	1.8 ~ 2.6	31.5	0.6	37.5	41.0	52.0	20.0	3.5 x 6.5	35.0	25.0	15.5
	15.5	2.4 ~ 3.5	31.5	0.6	37.5	41.0	53.0	20.0	3.5 x 7.0	37.0	25.0	17.5
OCL-EI-41H-01	14.0	3.0 ~ 5.0	35.0	0.6	44.0	46.0	57.5	21.0	3.5 x 7.0	35.5	29.0	16.0
	16.5	4.0 ~ 5.8	35.0	0.6	44.0	46.0	57.5	21.0	3.5 x 7.0	38.0	29.0	18.5
	20.0	5.5 ~ 8.0	35.0	0.6	43.5	43.5	56.0	21.0	3.5 x 6.8	43.0	29.0	22.0
	20.5	6.0 ~ 8.5	35.0	0.6	44.0	43.5	55.5	21.0	3.5 x 6.5	43.0	29.0	23.0
	26.5	7.5 ~ 11.0	35.0	0.6	43.5	46.5	58.0	21.0	3.5 x 7.0	49.0	29.0	28.5
OCL-EI-48H-01	16.5	6.0 ~ 10.0	42.0	0.7	51.0	52.5	65.0	24.0	4.0 x 7.0	40.0	32.0	19.0
	18.5	8.0 ~ 12.0	42.0	0.7	51.0	52.5	65.0	24.0	4.0 x 7.0	42.0	32.0	21.0
	21.5	9.0 ~ 13.5	42.0	0.7	51.5	55.0	68.0	24.0	3.5 x 7.0	46.0	32.0	24.0
	23.5	11.0 ~ 15.0	42.0	0.7	51.5	56.0	68.0	24.0	4.1 x 7.7	48.0	32.0	25.5
	25.0	12.5 ~ 17.5	42.0	0.7	51.5	56.0	68.0	24.0	4.1 x 7.7	50.5	32.0	27.5
	27.0	13.5 ~ 19.0	42.5	0.7	51.0	56.0	68.0	24.0	4.0 x 7.0	49.0	32.0	29.5
OCL-EI-54H-01	18.0	11.0 ~ 16.0	46.5	0.7	57.0	60.0	72.0	27.0	4.0 x 7.0	44.0	36.0	20.5
	22.0	15.5 ~ 20.0	46.5	0.7	57.0	60.0	72.0	27.0	4.0 x 7.0	48.5	36.0	25.0
	24.5	15.5 ~ 23.0	46.5	0.7	57.0	60.0	72.0	27.0	4.0 x 7.0	51.0	36.0	27.0
OCL-EI-57H-01	19.0	15.0 ~ 20.0	50.0	0.8	60.0	62.0	75.0	28.5	4.5 x 7.0	48.0	38.0	21.5
	24.5	16.0 ~ 26.0	50.0	0.8	60.0	62.0	75.0	28.5	4.5 x 7.0	53.0	38.0	28.0
	30.0	21.0 ~ 36.0	50.0	0.8	60.0	64.0	76.0	28.5	4.8 x 8.0	56.0	38.0	33.0
	35.0	25.0 ~ 40.0	50.0	0.8	60.0	64.0	76.0	28.5	4.8 x 8.0	61.0	38.0	38.0
OCL-EI-60H-01	24.0	16.5 ~ 28.0	52.0	0.8	64.0	68.0	80.0	30.0	4.7 x 7.0	55.0	40.0	27.0
	30.0	25.0 ~ 42.0	52.5	0.9	64.0	68.0	80.0	30.0	4.7 x 7.0	61.0	40.0	33.0
OCL-EI-66H-01	25.0	22.0 ~ 35.0	57.5	0.9	69.5	69.0	80.5	33.0	4.5 x 6.5	57.0	44.0	28.5
	28.0	26.0 ~ 45.0	57.5	0.9	69.5	69.0	80.5	33.0	4.5 x 6.5	60.0	44.0	31.0
	32.5	30.0 ~ 55.0	57.5	0.9	70.0	70.5	81.0	33.0	5.2 x 7.5	64.0	44.0	35.0
	36.0	36.0 ~ 65.0	57.5	0.9	70.0	70.5	81.0	33.0	5.2 x 7.5	67.0	44.0	39.5
	45.0	45.0 ~ 78.0	57.5	0.9	70.0	70.5	81.0	33.0	5.0 x 7.5	76.5	44.0	48.0
OCL-EI-76H-01	50.0	55.0 ~ 90.0	57.5	0.9	70.0	70.5	81.0	33.0	5.0 x 7.5	82.5	44.0	54.0
	40.0	60.0 ~ 80.0	66.5	1.2	81.0	80.0	95.0	38.5	6.0 x 9.0	78.0	51.0	44.0
	42.0	65.0 ~ 88.0	66.5	1.2	81.0	80.0	95.0	38.5	6.0 x 9.0	80.0	51.0	46.0
	50.5	85.0 ~ 115.0	66.5	1.2	81.0	80.0	95.0	38.5	6.0 x 9.0	88.0	51.0	54.5
OCL-EI-86H-01	56.0	110.0 ~ 150.0	66.5	1.2	81.0	80.0	95.0	38.5	6.0 x 9.0	93.0	51.0	60.0
	36.0	60.0 ~ 100.0	74.5	1.2	91.0	91.0	108.0	43.0	6.0 x 10.0	71.0	57.5	40.0
	42.0	85.0 ~ 118.0	74.5	1.2	91.0	91.0	108.0	43.0	6.0 x 10.0	79.0	57.5	46.0
	43.0	90.0 ~ 125.0	74.5	1.2	91.0	91.0	108.0	43.0	6.0 x 10.0	81.0	57.5	47.0
	50.0	100.0 ~ 155.0	74.5	1.2	91.0	91.0	108.0	43.0	6.0 x 10.0	88.0	57.5	54.0
OCL-EI-96H-01	55.0	120.0 ~ 175.0	74.5	1.2	91.0	91.0	108.0	43.0	6.0 x 10.0	94.0	57.5	59.0
	50.0	160.0 ~ 220.0	83.0	1.2	101.0	100.0	119.0	48.0	6.0 x 12.0	90.0	64.0	54.0
	60.0	200.0 ~ 250.0	83.0	1.2	101.0	100.0	119.0	48.0	6.0 x 12.0	100	64.0	64.0
70.0	180.0 ~ 300.0	83.0	1.2	101.0	100.0	119.0	48.0	6.0 x 12.0	112	64.0	74.0	

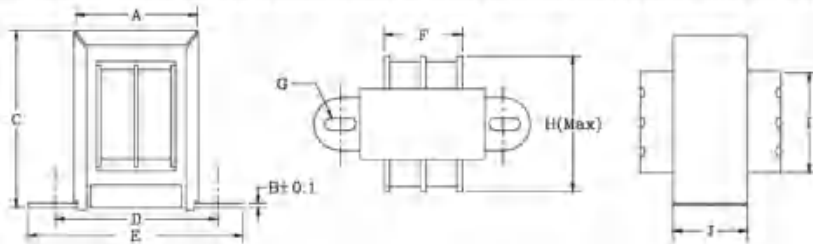
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POWER TRANSFORMERS



SIZE	CORE STACK (mm)	RANGE OF OUTPUT POWER (VA)	External Dimensions (mm)									
			A	B	C	D	E	F	G	H	I	J
OCL-EI-28V-01	11.0	0.8 ~ 1.2	30.0	0.6	27.5	37.5	46.0	20.0	2.9 x 4.6	32.0	18.0	14.0
	11.5	0.9 ~ 1.3	30.0	0.6	27.5	37.5	46.0	20.0	2.9 x 4.6	32.0	18.0	14.0
OCL-EI-35V-01	11.0	1.5 ~ 2.0	37.0	0.6	32.0	45.0	56.0	25.0	3.5 x 7.0	32.0	20.0	13.0
	13.0	1.7 ~ 2.5	37.0	0.6	32.0	46.5	56.5	25.0	3.5 x 6.5	34.0	20.0	15.0
	14.0	1.8 ~ 2.7	37.0	0.6	32.0	46.5	56.5	25.0	3.5 x 6.5	35.0	20.0	16.0
	15.0	2.0 ~ 3.3	37.0	0.6	32.0	46.0	56.5	25.0	3.2 x 6.6	36.0	20.0	17.0
OCL-EI-41V-01	16.5	4.0 ~ 5.8	43.0	0.6	36.0	53.0	64.0	29.0	3.5 x 7.0	38.0	21.5	18.5
	17.5	4.5 ~ 6.5	43.0	0.6	36.0	53.0	64.0	29.0	3.8 x 7.0	39.0	21.5	20.0
	19.0	5.0 ~ 7.8	43.0	0.6	35.5	54.0	64.5	29.0	3.2 x 7.0	42.5	21.5	21.0
	24.0	6.0 ~ 10.0	43.0	0.6	35.5	54.0	64.5	29.0	3.2 x 7.0	48.0	21.5	25.5
	26.0	7.5 ~ 12.0	43.0	0.6	35.5	54.0	64.5	29.0	3.2 x 7.0	50.0	21.5	28.5
OCL-EI-48V-01	18.5	9.0 ~ 12.0	50.5	0.7	43.0	60.0	71.0	32.0	3.5 x 8.0	40.0	24.5	21.0
	21.0	9.5 ~ 13.0	50.5	0.7	43.5	60.0	71.5	32.0	4.0 x 7.4	43.0	24.5	24.0
	23.5	12.0 ~ 16.0	50.5	0.7	43.0	62.0	73.5	32.0	3.5 x 7.0	45.0	24.5	25.5
	25.0	14.0 ~ 17.0	50.5	0.7	43.0	62.0	73.5	32.0	3.5 x 7.0	48.0	24.5	28.5
	30.0	15.0 ~ 20.0	50.5	0.7	43.0	62.0	73.5	32.0	3.5 x 7.0	53.0	24.5	32.5
OCL-EI-57V-01	19.0	10.0 ~ 18.0	59.5	0.8	50.0	73.0	84.5	38.0	4.7 x 8.8	49.0	29.0	21.5
	24.5	15.0 ~ 28.0	59.5	0.8	50.0	73.0	84.5	38.0	4.7 x 8.8	55.0	29.0	27.5
	30.0	22.0 ~ 38.0	59.5	0.8	51.0	70.5	84.0	38.0	4.5 x 8.0	60.0	29.0	33.0
	35.0	30.0 ~ 45.0	59.5	0.8	51.0	70.5	84.0	38.0	4.5 x 8.0	65.0	29.0	38.0

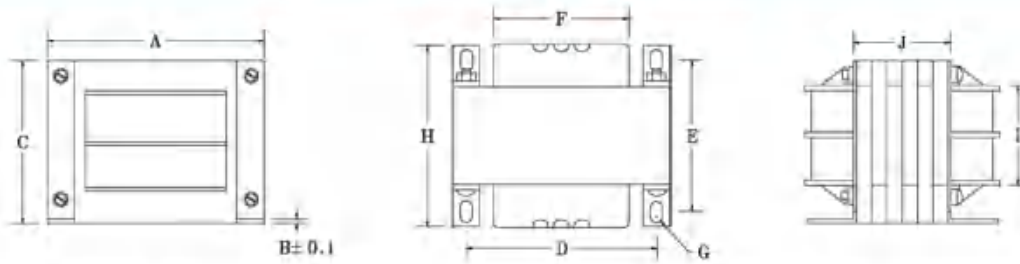


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			A	B	C	D	E	F	G	H	I	J
OCL-EI-28H-01	11.0	0.8 ~ 1.2	27.0	0.5	30.0	33.5	43.0	18.0	2.9 x 4.6	29.0	20.0	13.5
	11.5	0.9 ~ 1.3	27.0	0.5	30.0	33.5	43.0	18.0	2.9 x 4.6	30.0	20.0	14.0
OCL-EI-35H-01	11.0	1.5 ~ 2.0	31.5	0.6	37.5	39.5	50.0	20.0	3.4 x 7.0	32.0	25.0	13.0
	13.0	1.7 ~ 2.5	31.5	0.6	37.5	39.5	50.0	20.0	3.4 x 7.0	34.0	25.0	15.0
	14.0	1.8 ~ 2.7	31.5	0.6	37.0	40.0	50.0	20.0	3.5 x 6.0	35.0	25.0	16.0
	15.0	2.0 ~ 3.3	31.5	0.6	37.5	40.0	50.0	20.0	3.5 x 6.0	36.0	25.0	17.0
OCL-EI-41H-01	16.5	4.0 ~ 5.8	35.0	0.6	44.0	46.0	57.5	21.5	3.5 x 7.0	38.0	29.0	18.5
	17.5	4.5 ~ 6.5	35.0	0.6	44.0	45.5	56.5	21.5	3.5 x 7.0	39.0	29.0	20.0
	19.0	5.0 ~ 7.8	35.0	0.6	43.5	47.5	60.0	21.5	3.7 x 8.2	42.5	29.0	21.0
	24.0	6.0 ~ 10.0	35.0	0.6	43.5	47.5	60.0	21.5	3.7 x 8.2	48.0	29.0	26.0
	26.0	7.5 ~ 12.0	35.0	0.6	43.5	47.5	60.0	21.5	3.7 x 8.2	50.0	29.0	28.5
OCL-EI-48H-01	18.5	9.0 ~ 12.0	42.0	0.7	51.0	52.5	65.0	24.5	4.0 x 7.0	40.0	32.0	21.0
	21.0	9.5 ~ 13.0	42.0	0.7	51.5	55.0	68.0	24.5	3.5 x 7.0	43.0	32.0	24.0
	23.5	12.0 ~ 16.0	42.0	0.7	51.5	56.0	68.0	24.5	4.1 x 7.7	45.0	32.0	25.5
	25.0	14.0 ~ 17.0	42.0	0.7	51.5	56.0	68.0	24.5	4.1 x 7.7	48.0	32.0	28.5
	30.0	15.0 ~ 20.0	42.0	0.7	51.5	56.0	68.0	24.5	4.1 x 7.7	53.0	32.0	32.5
OCL-EI-57H-01	19.0	10.0 ~ 18.0	42.0	0.7	51.5	56.0	68.0	24.5	4.1 x 7.7	49.0	32.0	21.5
	24.5	15.0 ~ 28.0	42.0	0.7	51.5	56.0	68.0	24.5	4.1 x 7.7	55.0	32.0	27.5
	30.0	22.0 ~ 38.0	50.0	0.8	60.0	64.0	76.0	29.0	4.8 x 8.0	60.0	38.0	33.0
	35.0	30.0 ~ 45.0	50.0	0.8	60.0	64.0	76.0	29.0	4.8 x 8.0	65.0	38.0	38.0

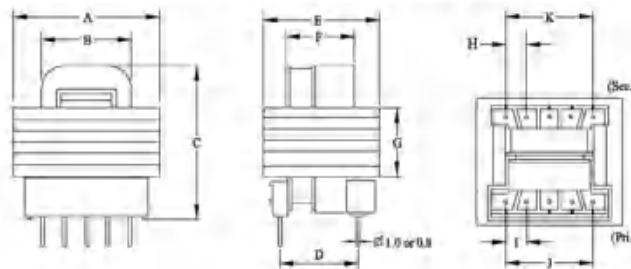
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POWER TRANSFORMERS



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			A	B	C	D	E	F	G	H	I	J
OCL-EI-76V-01	35.5	42 ~ 60	76.5	1.2	64.0	64.0	53.0	50.5	5.0 x 7.0	68.0	38.0	38.5
	40.8	56 ~ 80	76.5	1.2	64.0	64.0	58.5	50.5	5.0 x 7.0	73.5	38.0	43.5
	45.0	70 ~ 100	76.5	1.2	64.0	64.0	62.5	50.5	5.0 x 7.0	77.5	38.0	48.0
	50.7	85 ~ 125	76.5	1.2	64.0	64.0	68.0	50.5	5.0 x 7.0	83.0	38.0	53.5
	55.0	100 ~ 150	76.5	1.2	64.0	64.0	72.5	50.5	5.0 x 7.0	87.5	38.0	58.0
OCL-EI-86V-01	40.9	74 ~ 105	86.5	1.5	75.0	71.0	59.0	57.0	6.0 x 7.5	74.5	42.5	44.5
	40.9	74 ~ 105	86.5	1.5	78.0	71.0	59.0	57.0	6.0 x 7.5	74.5	42.5	44.5
	46.3	90 ~ 130	86.5	1.5	75.0	71.0	64.5	57.0	6.0 x 7.5	80.0	42.5	50.0
	46.3	90 ~ 130	86.5	1.5	78.0	71.0	64.5	57.0	6.0 x 7.5	80.0	42.5	50.0
OCL-EI-96V-01	40.0	91 ~ 130	96.5	1.5	80.5	79.0	63.5	63.5	4.3 x 11.5	82.5	48.0	43.5
	45.0	115 ~ 165	96.5	1.5	80.5	79.0	68.5	63.5	4.3 x 11.5	87.5	48.0	48.5
	50.0	140 ~ 200	96.5	1.5	80.5	79.0	73.5	63.5	4.3 x 11.5	92.5	48.0	53.5
	55.5	160 ~ 230	96.5	1.5	80.5	79.0	79.0	63.5	4.3 x 11.5	98.0	48.0	59.0
	67.0	210 ~ 300	96.5	1.5	80.5	79.0	90.5	63.5	4.3 x 11.5	109.5	48.0	70.5
OCL-EI-114V-01	40.5	140 ~ 200	114.5	1.5	95.5	95.0	61.0	75.0	7.0 x 10	79.0	57.0	44.0
	50.5	210 ~ 300	114.5	1.5	95.5	95.0	71.0	75.0	7.0 x 10	89.0	57.0	54.0
	55.0	245 ~ 350	114.5	1.5	95.5	95.0	75.5	75.0	7.0 x 10	93.5	57.0	58.5
	60.8	290 ~ 415	114.5	1.5	95.5	95.0	81.5	75.0	7.0 x 10	99.5	57.0	64.5
	65.0	320 ~ 460	114.5	1.5	95.5	95.0	85.5	75.0	7.0 x 10	103.5	57.0	68.5
	70.5	350 ~ 500	114.5	1.5	95.5	95.0	91.0	75.0	7.0 x 10	109.0	57.0	74.0

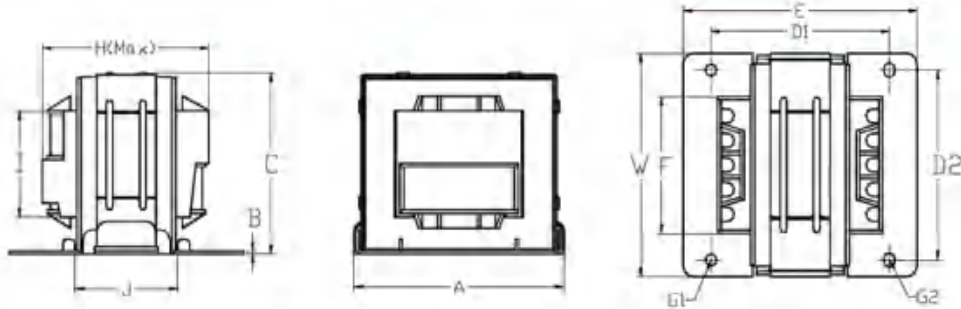


SIZE	CORE STACK (mm)	RANGE OF OUTPUT POWER (VA)	External Dimensions (mm)									
			A	B	C	D	E	F	G	H	I	J
OCL-EI-28H-01	12.0	0.5 ~ 1.8	28.2	20.0	26.0	19.0	25.2	17.0	12.2	5.0	5.0	5.0x3
	12.0	1.0 ~ 1.8	28.2	20.0	29.5	18.0	25.2	17.0	12.2	5.0	7.5	7.5x2
	14.0	0.5 ~ 2.5	28.2	20.0	30.7	22.7	25.2	17.0	14.2	5.0	7.5	7.5x3
OCL-EI-41H-01	18.5	3.0 ~ 6.5	41.2	28.0	41.5	22.6	33.2	21.0	18.7	5.0	7.5	7.5x3
	21.0	5.5 ~ 8.0	41.2	28.0	42.0	22.2	33.2	21.0	21.2	5.0	7.5	7.5x3
OCL-EI-48H-01	13.0	4.5 ~ 8.0	48.2	31.5	34.5	28.0	40.2	23.5	13.7	7.5	7.5	7.5x4
	15.0	6.5 ~ 9.0	48.2	31.5	37.5	28.0	40.2	23.5	15.7	7.5	7.5	7.5x4
	20.0	7.0 ~ 12.0	48.2	31.5	42.7	28.0	40.2	23.5	20.7	7.5	7.5	7.5x4
	20.5	7.0 ~ 12.0	48.2	31.5	44.7	28.0	40.2	23.5	20.7	8.0	8.0	8.0x3
	23.5	9.0 ~ 16.0	48.2	31.5	49.0	28.0	40.2	23.5	23.7	7.5	7.5	7.5x4
	25.0	12.0 ~ 17.0	48.2	31.5	47.0	28.0	40.2	23.5	25.7	7.5	7.5	7.5x4
	28.0	13.0 ~ 19.0	48.2	31.5	49.0	28.0	40.2	23.5	28.7	7.5	7.5	7.5x4
32.0	15.0 ~ 23.0	48.2	31.5	55.0	28.0	40.2	23.5	32.7	7.5	7.5	7.5x4	

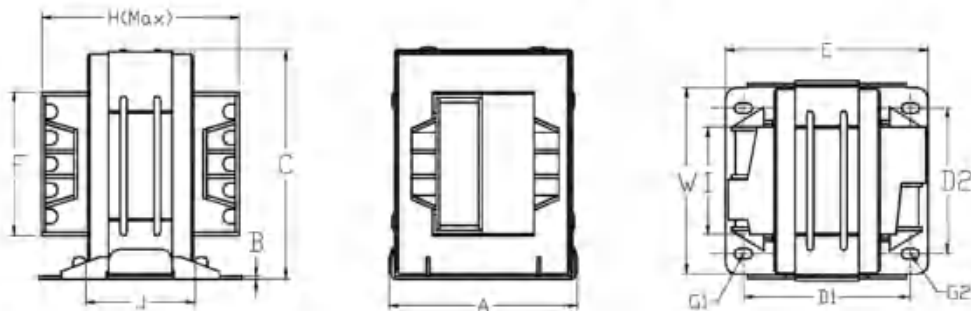
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POWER TRANSFORMERS



SIZE	Core stack (mm)	Range of outout power (VA)	External Dimensions (mm)												
			A	B	C	D1	D2	E	F	G1	G2	H	I	J	W
EI-66	28	26 ~ 45	74.0	1.5	61.0	64.0	60.0	80.0	44.0	5.5	5.5x6.5	60.0	33.0	29.0	76.0
	32	30 ~ 55	74.0	1.5	61.0	64.0	60.0	80.0	44.0	5.5	5.5x6.5	64.0	33.0	33.0	76.0
	36	36 ~ 65	74.0	1.5	61.0	64.0	60.0	80.0	44.0	5.5	5.5x6.5	67.5	33.0	37.0	76.0
	45	45 ~ 78	74.0	1.5	61.0	64.0	60.0	80.0	44.0	5.5	5.5x6.5	76.5	33.0	46.0	76.0
	50	50 ~ 90	74.0	1.5	61.0	64.0	60.0	80.0	44.0	5.5	5.5x6.5	81.0	33.0	51.0	76.0
EI-76	40	60 ~ 80	84.0	1.5	70.0	70.0	70.0	98.0	51.0	5.5	5.5x6.5	78.0	38.5	41.0	86.0
	42	65 ~ 88	84.0	1.5	70.0	70.0	70.0	98.0	51.0	5.5	5.5x6.5	80.0	38.5	43.0	86.0
	56	110 ~ 150	84.0	1.5	70.0	70.0	70.0	98.0	51.0	5.5	5.5x6.5	93.0	38.5	57.0	86.0
EI-96	45	140 ~ 180	104.0	1.5	86.0	90.0	90.0	118.0	64.0	5.5	5.5x6.5	85.0	48.0	46.0	106.0
	50	160 ~ 220	104.0	1.5	86.0	90.0	90.0	118.0	64.0	5.5	5.5x6.5	90.0	48.0	51.0	106.0
	55	180 ~ 260	104.0	1.5	86.0	90.0	90.0	118.0	64.0	5.5	5.5x6.5	95.0	48.0	56.0	106.0



SIZE	Core stack (mm)	Range of outout power (VA)	External Dimensions (mm)												
			A	B	C	D1	D2	E	F	G1	G2	H	I	J	W
EI-66	28	26 ~ 45	65.0	1.5	71.5	59.5	68.0	75.7	44.0	4.2	4.2	60.0	33.0	29.0	84.0
	32	30 ~ 55	65.0	1.5	71.5	59.5	68.0	75.7	44.0	4.2	4.2	64.0	33.0	33.0	84.0
	36	36 ~ 65	65.0	1.5	71.5	59.5	68.0	75.7	44.0	4.2	4.2	67.5	33.0	37.0	84.0
	45	45 ~ 78	65.0	1.5	71.5	59.5	68.0	75.7	44.0	4.2	4.2	76.5	33.0	46.0	84.0
	50	50 ~ 90	65.0	1.5	71.5	59.5	68.0	75.7	44.0	4.2	4.2	81.0	33.0	51.0	84.0
EI-76	40	60 ~ 80	73.0	1.5	82.0	72.5	68.0	88.5	51.0	4.2	4.2	77.0	38.5	41.0	84.0
	42	65 ~ 88	73.0	1.5	82.0	72.5	68.0	88.5	51.0	4.2	4.2	79.0	38.5	43.0	86.0
	56	110 ~ 150	73.0	1.5	82.0	72.5	68.0	88.5	51.0	4.2	4.2	93.0	38.5	57.0	86.0
EI-96	45	140 ~ 180	91.0	1.5	101.5	79.0	65.0	96.0	64.0	4.6x8.6	4.6x8.6	85.0	48.0	46.0	85.0
	50	160 ~ 220	91.0	1.5	101.5	79.0	65.0	96.0	64.0	4.6x8.6	4.6x8.6	90.0	48.0	51.0	85.0
	55	180 ~ 260	91.0	1.5	101.5	79.0	65.0	96.0	64.0	4.6x8.6	4.6x8.6	95.0	48.0	56.0	85.0

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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POWER TRANSFORMERS



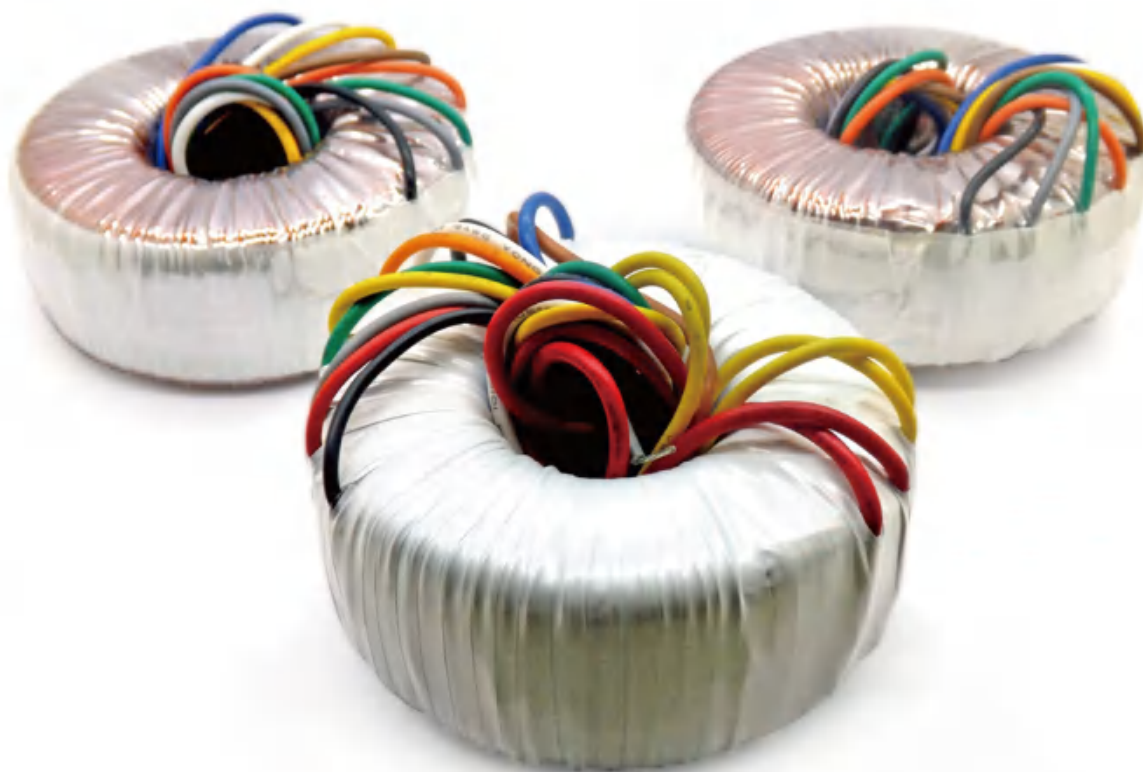
SIZE	CORE STACK (mm)	RANGE OF OUTPUT POWER	External Dimensions (mm)										
			A	B	C	D	E	F	G	H	I	J	K
OCL-EI-28H-01	12.0	0.5 ~ 2.0	28.2	20.0	26.0	19.0	25.2	17.0	12.2	5.0	5.0	5.0x3	5.0x3
	14.0	1.0 ~ 2.5	28.2	20.0	28.0	19.0	25.2	17.0	14.2	5.0	5.0	5.0x3	5.0x3
OCL-EI-35H-01	12.0	1.5 ~ 2.8	35.2	24.5	34.0	21.0	29.8	19.5	12.5	7.5	5.0	7.5x2	5.0x3
	14.0	1.5 ~ 3.5	35.2	24.5	38.5	20.5	29.8	19.5	14.2	8.0+6.0	8.0+6.0	6.0x2+8.0	6.0x2+8.0
OCL-EI-41H-01	10.0	2.0 ~ 3.5	41.2	28.0	33.6	22.5	33.2	21.0	10.6	5.0	7.5	7.5x3	5.0x5
	13.0	3.0 ~ 4.5	41.2	28.0	36.8	22.5	33.2	21.0	13.6	5.0	7.5	7.5x3	5.0x5
	17.5	4.0 ~ 6.5	41.2	27.8	41.0	22.5	33.2	21.0	17.5	5.0	7.5	7.5x3	5.0x5
	20.0	5.5 ~ 8.0	41.2	28.0	43.6	22.5	33.2	21.0	20.8	5.0	7.5	7.5x3	5.0x5
	23.0	6.5 ~ 9.0	41.2	28.0	46.8	22.5	33.2	21.0	23.7	5.0	7.5	7.5x3	5.0x5
	25.0	7.0 ~ 10.5	41.2	28.0	48.5	22.5	33.2	21.0	25.7	5.0	7.5	7.5x3	5.0x5
OCL-EI-48H-01	13.0	4.5 ~ 8.0	48.2	31.5	37.5	30.0	40.2	23.5	13.7	5.0	7.5	7.5x4	5.0x7
	15.0	6.5 ~ 9.0	48.2	31.5	39.3	30.0	40.2	23.5	15.6	5.0	7.5	7.5x4	5.0x7
	17.0	7.0 ~ 10.0	48.2	31.5	41.2	30.0	40.2	23.5	17.6	5.0	7.5	7.5x4	5.0x7
	20.0	8.0 ~ 12.0	48.2	31.5	44.3	30.0	40.2	23.5	20.5	5.0	7.5	7.5x4	5.0x7
	23.0	11.5 ~ 16.0	48.2	30.8	48.0	30.0	40.2	23.5	23.0	5.0	7.5	7.5x4	5.0x7
	25.0	12.0 ~ 17.0	48.2	31.3	50.0	32.0	40.2	23.5	25.0	5.0	7.5+5.0	7.5x3+	5.0x7
	27.0	13.5 ~ 19.0	48.2	30.8	52.3	30.0	40.2	23.5	27.0	5.0	7.5	7.5x4	5.0x7
	30.0	15.0 ~ 22.0	48.2	30.8	55.3	30.0	40.2	23.5	30.0	5.0	7.5	7.5x4	5.0x7
OCL-EI-54H-01	23.0	14.0 ~ 20.0	54.2	34.5	47.4	35.0	45.2	26.5	23.2	5.0	7.0	7.0x5	5.0x6
	25.0	16.5 ~ 22.5	54.2	34.5	51.0	35.0	45.2	26.5	25.7	5.0	7.5	7.5x5	5.0x9
	30.0	17.5 ~ 28.0	54.2	34.5	56.2	35.0	45.2	26.5	30.5	5.0	7.5	7.5x5	5.0x9
OCL-EI-57H-01	18.0	11 ~ 17.5	57.2	37.0	44.0	36.0	47.8	28.0	19.2	5.5	7.5	7.5x5	5.5x9
	20.0	12.5 ~ 20	57.2	37.0	47.1	36.0	47.8	28.0	21.2	5.5	7.5	7.5x5	5.5x9
	25.0	16.5 ~ 26	57.2	37.0	50.6	37.5	47.8	28.0	24.8	6.0	7.5	7.5x4	6.0x7
	30.0	21 ~ 30	57.2	36.6	58.0	37.5	47.8	28.0	30.0	5.0	7.3	7.3x6	5.0x9
	30.0	21 ~ 30	57.2	36.6	58.8	36.0	47.8	28.0	30.0	5.5	7.5	7.5x5	5.5x9
	35.0	27 ~ 35	57.2	37.0	62.8	38.0	47.8	28.0	35.4	5.0	7.5+6.5	7.5x4+	5.0x9
	38.0	30 ~ 38	57.2	37.0	65.9	36.5	47.8	28.0	39.5	5.5	7.5	7.5x5	5.5x9
OCL-EI-60H-01	40.0	25 ~ 40	57.2	37.0	67.4	37.5	47.8	28.0	40.1	5.0	7.5+6.5	7.5x4+	5.0x9
	30.0	25.0 ~ 35.0	60.2	43.0	58.0	35.4	50.2	30.0	30.8	7.5	6.0	7.5x6	6.0x9
OCL-EI-66H-01	27.0	25 ~ 42	66.3	42.6	59.3	42.5	55.3	32.5	28.0	6.0	7.5	7.5x6	6.0x9
	30.0	28 ~ 50	66.3	43.2	60.9	43.0	55.3	32.5	30.3	6.0	7.5	7.5x6	6.0x9
	32.0	30 ~ 55	66.3	42.6	63.3	42.5	55.3	32.5	32.0	6.0	7.5	7.5x6	6.0x9
	36.0	35 ~ 62	66.3	43.4	65.0	42.5	55.3	32.5	36.0	6.0	7.5	7.5x6	6.0x9
	40.0	40 ~ 70	66.3	43.2	68.6	42.0	55.3	32.5	40.6	6.0	7.5	7.5x6	6.0x9
	45.0	45 ~ 80	66.3	42.6	76.3	42.5	55.3	32.5	45.0	6.0	7.5	7.5x6	6.0x9
	50.0	50 ~ 88	66.3	43.2	79.0	42.5	55.3	32.5	50.0	6.0	7.5	7.5x6	6.0x9
	55.0	60 ~ 95	66.3	43.2	84.2	48.8	55.3	32.5	55.3	6.0	7.5	7.5x6	6.0x9
OCL-EI-76H-01	60.0	70 ~ 105	66.3	43.2	85.9	48.8	55.3	32.5	60.4	6.0	7.5	7.5x6	6.0x9
	40.0	50 ~ 130	76.3	50.0	77.0	50.0	64.0	37.5	40.0	7.0	7.5	7.5x6	7.0x9
	50.0	55 ~ 170	76.3	50.0	87.0	58.0	64.0	38.5	50.0	7.5	7.5	7.5x6	7.5x11
	60.0	60 ~ 200	76.3	50.0	97.0	58.0	64.0	38.0	60.0	7.5	7.5	7.5x6	7.5x11
OCL-EI-86H-01	65.0	65 ~ 220	76.3	50.0	102.0	50.5	64.0	38.0	65.0	7.5	8.0	8.0x6	7.0x9
	58.0	158 ~ 240	86.3	43.2	98.0	55.0	72.0	42.5	58.4	7.5	7.5	7.5x6	7.5x9
	63.0	180 ~ 260	86.3	43.2	112.0	61.0	72.0	42.5	63.0	7.5	9.2	7.5x6	9.2x9
OCL-EI-96H-01	70.0	220 ~ 300	86.3	43.2	105.5	55.0	72.0	42.5	70.4	7.5	7.5	7.5x6	7.5x9
	60.0	180 ~ 240	96.3	43.2	106.5	60.0	80.5	48.0	60.4	7.0	7.5	7.5x6	7.0x11
	63.0	200 ~ 240	96.3	43.2	117.0	90.0	80.5	48.0	63.0	10.0	9.8	10.0x6	9.8x9
	70.0	250 ~ 300	96.3	43.2	112.0	55.5	80.5	48.0	70.6	8.8	8.7	8.8x6	8.8x9
	80.0	280 ~ 350	96.3	43.2	134.0	107.0	80.5	48.0	81.0	10.0	9.8	10.0x6	9.8x9
95.0	300 ~ 410	96.3	43.2	142.0	64.2	80.5	48.0	95.6	7.5	9.2	7.5x6	9.2x9	

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FEATURES AND TYPICAL APPLICATION

TOROIDAL TRANSFORMERS



1. Features:

The toroidal transformers made from high quality silicon steel with better design, good performance in low magnetic noise, high efficiency, excellent load regulation, meet UL、CSA、JIS、VDE、IEC,etc.

环形变压器采用高品质的硅钢片和良好的设计制作而成，具有噪音低，效率高，电压调整率小等特点，符合UL、CSA、JIS、VDE、IEC...等安规要求。

2. Applications:

Sound; Medical equipment; Telecommunications; Industrial equipment,etc.

音响；医疗设备；通讯；工业设备等。

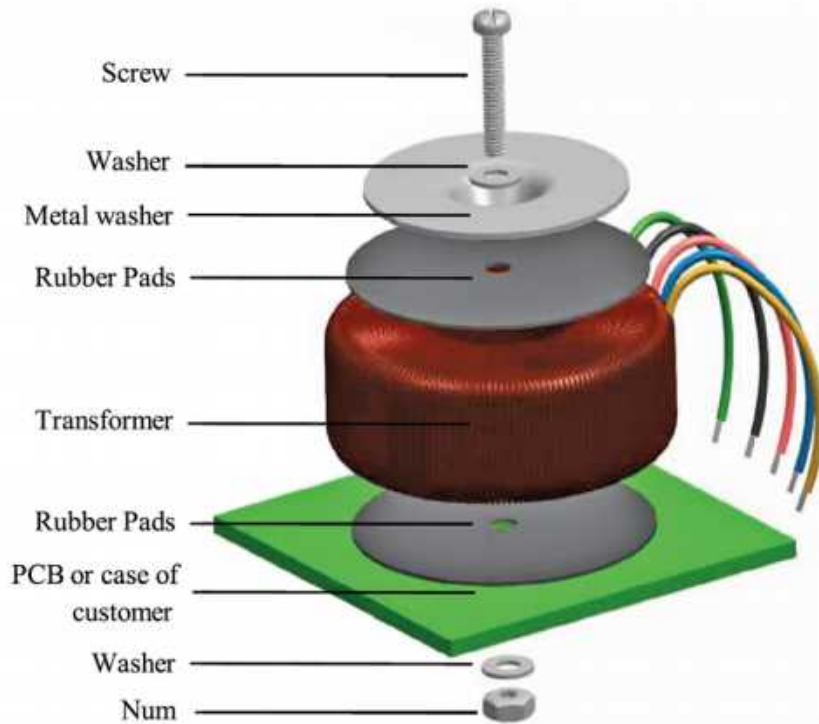
3. Power Range: 20VA~4000VA

Toroidal Transformers

Assembly method

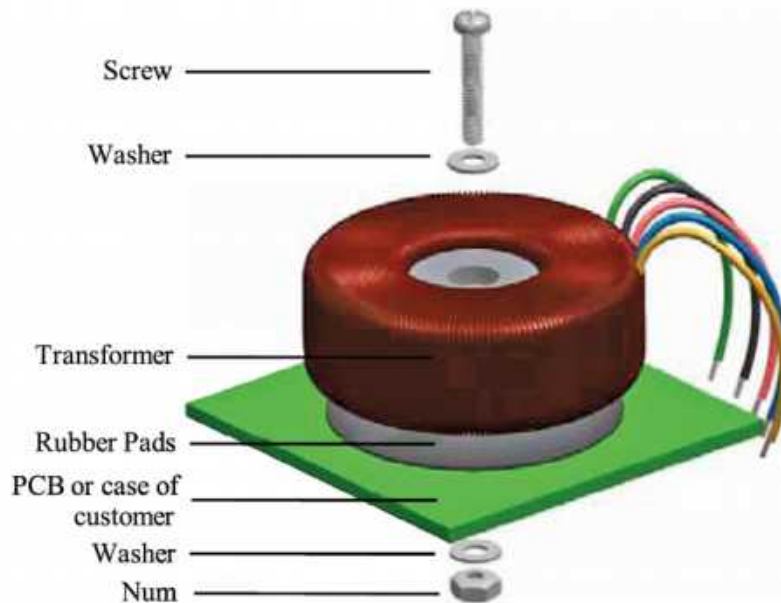
Type A: Mounting washer and rubber cushion

All of our standard parts are supplied with metal washers, rubber cushion, screw, and nut for assembly at no extra charge.



Type B: Potted center (optional)

Center of transformer filled with epoxy resin, then a central hole drilled for mounting screw going-through.



TOROIDAL TRANSFORMERS

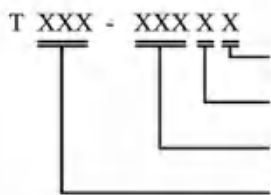
Toroidal Transformers

Part No.	Output Power (VA)	External Dimensions (mm)	
		A	B
T073-028T2	20.0	73	28
T073-020T2	30.0	73	30
T085-036T2	50.0	85	36
T098-038T2	80.0	98	38
T098-044T2	100.0	98	44
T098-045T2	120.0	98	45
T108-045T2	150.0	108	45
T103-042T2	180.0	103	42
T112-042T2	200.0	112	42
T118-050T2	230.0	118	50
T118-057T2	250.0	118	57
T125-055T2	280.0	125	55
T130-055T2	300.0	130	55
T138-060T2	350.0	138	60
T132-068T2	400.0	132	68
T145-068T2	450.0	145	68
T143-063T2	500.0	143	63

Part No.	Output Power (VA)	External Dimensions (mm)	
		A	B
T145-073T2	600.0	145	73
T150-075T2	700.0	150	75
T150-080T2	800.0	150	80
T155-082T2	900.0	155	82
T156-086T2	1000.0	156	86
T167-087T2	1200.0	167	87
T178-088T2	1500.0	178	88
T180-102T2	1800.0	180	102
T187-102T2	2000.0	187	102
T197-102T2	2200.0	197	102
T202-170T2	2500.0	202	170
T213-108T2	2800.0	213	108
T210-120T2	3000.0	210	120
T215-118T2	3200.0	215	118
T221-115T2	3500.0	221	115
T221-122T2	3800.0	221	121
T223-124T2	4000.0	223	124

Remarks:

1) Catalog Number System



Ta: 2 stands for T25B, 3 stands for T35B, 5 stands for T50B, 7 stands for T70B.

T: Toroidal transformer.

External dimensions of height

External dimensions of outside.

2) Temperature class: B, Degree of protection in IP00.

3) Construction is suitable for UL, CSA, JIS, VDE, BS, IEC, SAA, DEMKO, SEMKO of CCC standard.

4) Inout voltage is AC 100V 50/60HZ, 115V 60HZ, 230V 50HZ or 240V 50HZ normally but customer special request is welcome.

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

FEATURES AND TYPICAL APPLICATION

ENCAPSULATED TRANSFORMERS



1. Features:

The encapsulated transformers made from high quality silicon steel with better potting compounds, good performance in security isolation, dustproof, waterproof, meet UL、CSA、JIS、VDE、IEC,etc.

灌封变压器采用高品质的硅钢片和灌封材料制作而成，具有好的绝缘，防尘，防水性能，符合UL、CSA、JIS、VDE、IEC...等安规要求。

2. Applications:

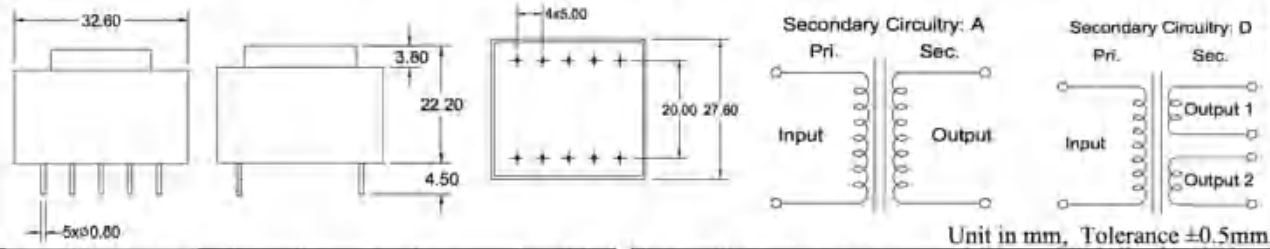
Household appliances; Entertainment electronics; Controlled circuit,etc.

家用电器；娱乐电子，控制电路等。

3. Power Range: 0.5VA~50VA

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-30 / 10.5 Series)



Unit in mm, Tolerance ± 0.5 mm

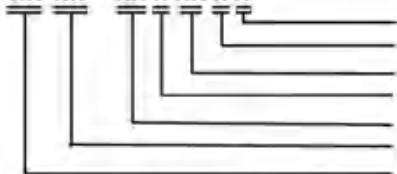
Frame Size	Ta 70°C	Primayr voltage	Weight	
EI30/10.5mm	0.6-1.5VA	230V 50HZ	Appr. 0.075Kg	
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-10A01E7	6	250	9.2	1.5
EI30-10A02E7	7.5	200	11.5	1.5
EI30-10A03E7	9	167	14.2	1.5
EI30-10A04E7	12	125	19.3	1.5
EI30-10A05E7	15	100	24.2	1.5
EI30-10A06E7	18	83	29.8	1.5
EI30-10A07E7	24	63	38.6	1.5
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-10AA1E7	6	200	8.2	1.2
EI30-10AA2E7	7.5	160	10.0	1.2
EI30-10AA3E7	9	133	12.5	1.2
EI30-10AA4E7	12	100	16.5	1.2
EI30-10AA5E7	15	80	20.4	1.2
EI30-10AA6E7	18	67	24.9	1.2
EI30-10AA7E7	24	50	32.7	1.2
Frame Size	Ta 50°C	Primayr voltage	Weight	
EI30/10.5mm	0.6-1.2VA	230V 50HZ	Appr. 0.075Kg	
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-10A01E5	6	200	8.0	1.2
EI30-10A02E5	7.5	160	10.0	1.2
EI30-10A03E5	9	133	12.0	1.2
EI30-10A04E5	12	100	16.0	1.2
EI30-10A05E5	15	80	20.0	1.2
EI30-10A06E5	18	67	24.5	1.2
EI30-10A07E5	24	50	32.0	1.2

Frame Size	Ta 70°C	Primayr voltage	Weight	
EI30/10.5mm	0.6-1.5VA	230V 50HZ	Appr. 0.075Kg	
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-10D01E7	2x 6	125	2x 9.3	1.5
EI30-10D02E7	2x 7.5	100	2x 12.0	1.5
EI30-10D03E7	2x 9	83	2x 15.0	1.5
EI30-10D04E7	2x 12	63	2x 19.3	1.5
EI30-10D05E7	2x 15	50	2x 24.2	1.5
EI30-10D06E7	2x 18	42	2x 29.0	1.5
EI30-10D07E7	2x 24	31	2x 38.6	1.5
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-10DA1E7	2x 6	100	2x 8.6	1.2
EI30-10DA2E7	2x 7.5	80	2x 10.2	1.2
EI30-10DA3E7	2x 9	67	2x 12.9	1.2
EI30-10DA4E7	2x 12	50	2x 16.5	1.2
EI30-10DA5E7	2x 15	40	2x 20.5	1.2
EI30-10DA6E7	2x 18	33	2x 24.5	1.2
EI30-10DA7E7*	2x 24	25	2x 32.9	1.2
Frame Size	Ta 50°C	Primayr voltage	Weight	
EI30/10.5mm	0.6-1.2VA	230V 50HZ	Appr. 0.075Kg	
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-10D01E5	2x 6	100	2x 8.0	1.2
EI30-10D02E5	2x 7.5	80	2x 10.0	1.2
EI30-10D03E5	2x 9	67	2x 12.3	1.2
EI30-10D04E5	2x 12	50	2x 16.2	1.2
EI30-10D05E5	2x 15	40	2x 21.3	1.2
EI30-10D06E5	2x 18	33	2x 24.2	1.2
EI30-10D07E5	2x 24	25	2x 33.3	1.2

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



Ta: 5 stands for T50B, 7 stands for T70B.
 E: Encapsulated transformer.
 Series No.
 Secondary Circuitry: A: Single, D: Double
 Stack Thickness
 EI size.
 Type EI.

2) Inherently short-circuit proof safety isolating transformer.

3) *Inherently short-circuit proof isolating transformer.

4) Temperature class: B, Degree of protection in IP00.

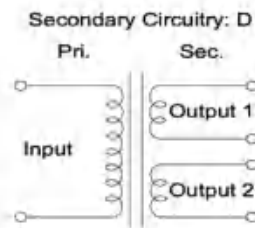
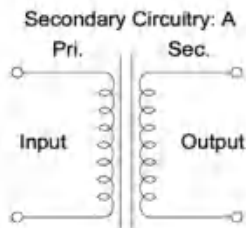
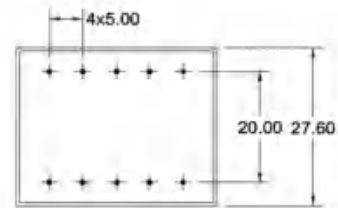
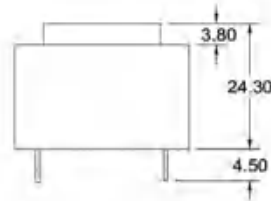
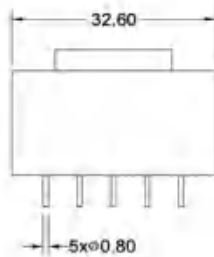
5) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please send your inquiries to us for details.

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-30 / 12.5 Series)



Unit in mm, Tolerance ± 0.5 mm.

Frame Size	Ta 70°C	Primary voltage		Weight
EI30/12.5mm	1.5-1.9VA	230V 50HZ		Appr. 0.088Kg
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-12A01E7	6	317	9.3	1.9
EI30-12A02E7	7.5	253	12.0	1.9
EI30-12A03E7	9	211	14.8	1.9
EI30-12A04E7	12	158	18.4	1.9
EI30-12A05E7	15	127	23.8	1.9
EI30-12A06E7	18	106	27.5	1.9
EI30-12A07E7	24	79	36.5	1.9
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-12AA1E7	6	283	8.5	1.7
EI30-12AA2E7	7.5	227	11.1	1.7
EI30-12AA3E7	9	189	13.2	1.7
EI30-12AA4E7	12	142	17.5	1.7
EI30-12AA5E7	15	113	22.3	1.7
EI30-12AA6E7	18	94	26.3	1.7
EI30-12AA7E7	24	71	38.8	1.7
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-12AH1E7	6	250	8.0	1.5
EI30-12AH2E7	7.5	200	10.5	1.5
EI30-12AH3E7	9	167	12.6	1.5
EI30-12AH4E7	12	125	16.6	1.5
EI30-12AH5E7	15	100	20.7	1.5
EI30-12AH6E7	18	83	25.6	1.5
EI30-12AH7E7	24	63	33.2	1.5

Frame Size	Ta 70°C	Primary voltage		Weight
EI30/12.5mm	1.5-1.9VA	230V 50HZ		Appr. 0.088Kg
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-12D01E7	2x 6	158	2x 9.3	1.9
EI30-12D02E7	2x 7.5	127	2x 12.0	1.9
EI30-12D03E7	2x 9	106	2x 14.9	1.9
EI30-12D04E7	2x 12	79	2x 18.4	1.9
EI30-12D05E7	2x 15	63	2x 24.3	1.9
EI30-12D06E7	2x 18	53	2x 28.1	1.9
EI30-12D07E7	2x 24	40	2x 36.1	1.9
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-12DA1E7	2x 6	142	2x 8.6	1.7
EI30-12DA2E7	2x 7.5	113	2x 11.1	1.7
EI30-12DA3E7	2x 9	94	2x 13.5	1.7
EI30-12DA4E7	2x 12	71	2x 17.6	1.7
EI30-12DA5E7	2x 15	57	2x 22.3	1.7
EI30-12DA6E7*	2x 18	47	2x 25.8	1.7
EI30-12DA7E7*	2x 24	35	2x 38.0	1.7
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-12DH1E7	2x 6	125	2x 8.3	1.5
EI30-12DH2E7	2x 7.5	100	2x 10.4	1.5
EI30-12DH3E7	2x 9	83	2x 12.0	1.5
EI30-12DH4E7	2x 12	63	2x 18.0	1.5
EI30-12DH5E7	2x 15	50	2x 20.8	1.5
EI30-12DH6E7	2x 18	42	2x 24.9	1.5
EI30-12DH7E7*	2x 24	31	2x 33.4	1.5

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-30 / 12.5 Series)

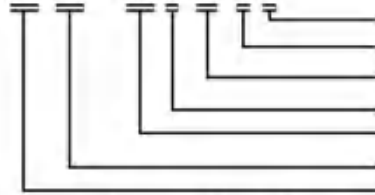
Frame Size	Ta 50°C	Primayr voltage		Weight
EI30-12A01E5	1.5-1.7VA	230V	50HZ	Appr. 0.088Kg
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Rating (VA)
EI30-12A01E5	6	283	8.6	1.7
EI30-12A02E5	7.5	227	10.9	1.7
EI30-12A03E5	9	189	13.2	1.7
EI30-12A04E5	12	142	17.6	1.7
EI30-12A05E5	15	113	22.0	1.7
EI30-12A06E5	18	94	26.0	1.7
EI30-12A07E5	24	71	38.6	1.7
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Rating (VA)
EI30-12A01E5	6	250	8.2	1.5
EI30-12A02E5	7.5	200	10.4	1.5
EI30-12A03E5	9	167	11.9	1.5
EI30-12A04E5	12	125	16.4	1.5
EI30-12A05E5	15	100	20.9	1.5
EI30-12A06E5	18	83	25.3	1.5
EI30-12A07E5	24	63	33.5	1.5

Frame Size	Ta 50°C	Primayr voltage		Weight
EI30-12D01E5	1.5-1.7VA	230V	50HZ	Appr. 0.088Kg
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Rating (VA)
EI30-12D01E5	2x 6	142	2x 8.8	1.7
EI30-12D02E5	2x 7.5	113	2x 11.0	1.7
EI30-12D03E5	2x 9	94	2x 13.0	1.7
EI30-12D04E5	2x 12	71	2x 17.9	1.7
EI30-12D05E5	2x 15	57	2x 21.8	1.7
EI30-12D06E5*	2x 18	47	2x 29.5	1.7
EI30-12D07E5*	2x 24	35	2x 39.1	1.7
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Rating (VA)
EI30-12D01E5	2x 6	125	2x 8.3	1.5
EI30-12D02E5	2x 7.5	100	2x 10.4	1.5
EI30-12D03E5	2x 9	83	2x 12.0	1.5
EI30-12D04E5	2x 12	63	2x 18.0	1.5
EI30-12D05E5	2x 15	50	2x 20.8	1.5
EI30-12D06E5	2x 18	42	2x 24.9	1.5
EI30-12D07E5*	2x 24	31	2x 33.4	1.5

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



Ta: 5 stands for T50B, 7 stands for T70B.
 E: Encapsulated transformer.
 Series No.
 Secondary Circuitry. A: Single, D: Double
 Stack Thickness
 EI size.
 Type EI.

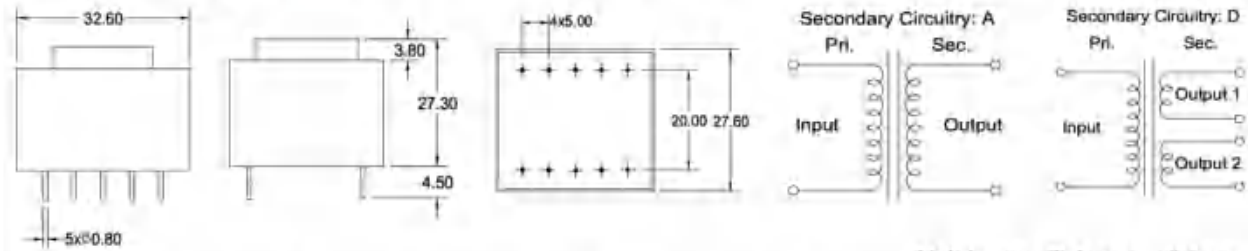
- 2) Inherently short-circuit proof safety isolating transformer.
- 3) *Inherently short-circuit proof isolating transformer.
- 4) Temperature class: B, Degree of protection in IP00.
- 5) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please send your inquiries to us for details.

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-30 / 15.5 Series)



Unit in mm, Tolerance ± 0.5 mm.

Frame Size	Ta 70°C	Primavr voltage	Weight	
EI30/15.5mm	1.5-2.1VA	230V 50HZ	Appr. 0.100Kg	
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-15A01E7	6	350	9.7	2.1
EI30-15A02E7	7.5	280	12.5	2.1
EI30-15A03E7	9	233	15.1	2.1
EI30-15A04E7	12	175	18.3	2.1
EI30-15A05E7	15	140	25.8	2.1
EI30-15A06E7	18	117	30.8	2.1
EI30-15A07E7	24	88	38.9	2.1
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-15AA1E7	6	333	10.0	2.0
EI30-15AA2E7	7.5	267	12.5	2.0
EI30-15AA3E7	9	222	15.2	2.0
EI30-15AA4E7	12	167	18.2	2.0
EI30-15AA5E7	15	133	23.7	2.0
EI30-15AA6E7	18	111	28.5	2.0
EI30-15AA7E7	24	83	37.3	2.0

Frame Size	Ta 70°C	Primavr voltage	Weight	
EI30/15.5mm	1.5-2.1VA	230V 50HZ	Appr. 0.100Kg	
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-15D01E7	2x 6	175	2x 9.8	2.1
EI30-15D02E7	2x 7.5	140	2x 12.8	2.1
EI30-15D03E7	2x 9	117	2x 15.5	2.1
EI30-15D04E7	2x 12	88	2x 18.5	2.1
EI30-15D05E7	2x 15	70	2x 25.8	2.1
EI30-15D06E7*	2x 18	58	2x 30.8	2.1
EI30-15D07E7*	2x 24	44	2x 39.3	2.1
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-15DA1E7	2x 6	167	2x 10.1	2.0
EI30-15DA2E7	2x 7.5	133	2x 12.6	2.0
EI30-15DA3E7	2x 9	111	2x 15.2	2.0
EI30-15DA4E7	2x 12	83	2x 18.2	2.0
EI30-15DA5E7	2x 15	67	2x 24.6	2.0
EI30-15DA6E7*	2x 18	56	2x 28.8	2.0
EI30-15DA7E7*	2x 24	42	2x 38.8	2.0

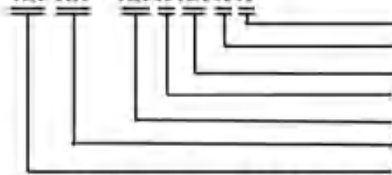
Frame Size	Ta 50°C	Primavr voltage	Weight	
EI30/15.5mm	1.5-2.3VA	230V 50HZ	Appr. 0.100Kg	
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-15A01E5	6	383	10.2	2.3
EI30-15A02E5	7.5	307	13.8	2.3
EI30-15A03E5	9	256	16.5	2.3
EI30-15A04E5	12	192	20.2	2.3
EI30-15A05E5	15	153	24.3	2.3
EI30-15A06E5	18	128	30.7	2.3
EI30-15A07E5	24	96	42.2	2.3

Frame Size	Ta 50°C	Primavr voltage	Weight	
EI30/15.5mm	1.5-2.3VA	230V 50HZ	Appr. 0.100Kg	
Catalog No.	Secondary	Secondary	No-Load	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(VA)
EI30-15D01E5	2x 6	192	2x 10.1	2.3
EI30-15D02E5	2x 7.5	153	2x 13.8	2.3
EI30-15D03E5	2x 9	128	2x 16.1	2.3
EI30-15D04E5	2x 12	96	2x 21.5	2.3
EI30-15D05E5	2x 15	77	2x 24.3	2.3
EI30-15D06E5*	2x 18	64	2x 30.5	2.3
EI30-15D07E5*	2x 24	48	2x 41.8	2.3

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



Ta: 5 stands for T50B, 7 stands for T70B.

E: Encapsulated transformer.

Series No.

Secondary Circuitry. A: Single, D: Double

Stack Thickness

EI size.

Type EI.

2) Inherently short-circuit proof safety isolating transformer.

3) *Inherently short-circuit proof isolating transformer.

4) Temperature class: B, Degree of protection in IP00.

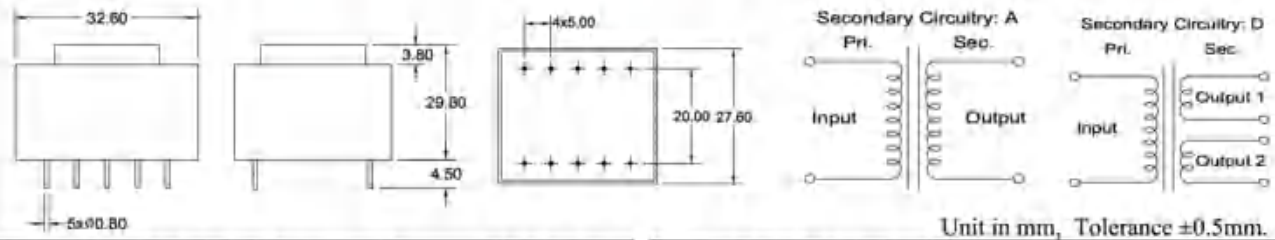
5) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please send your inquiries to us for details.

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-30 / 18.0 Series)



Frame Size	Ta 70°C	Primayr voltage	Weight
EI30/18.0mm	2.3-3.0VA	230V 50HZ	Appr. 0.110Kg

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI30-18A01E7	6	500	7.9	500	3.0
EI30-18A02E7	7.5	400	9.9	400	3.0
EI30-18A03E7	9	333	12.0	315	3.0
EI30-18A04E7	12	250	16.6	250	3.0
EI30-18A05E7	15	200	21.0	200	3.0
EI30-18A06E7	18	167	25.0	160	3.0
EI30-18A07E7	24	125	33.0	125	3.0

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI30-18AA1E7	6	383	7.8	400	2.3
EI30-18AA2E7	7.5	307	9.4	315	2.3
EI30-18AA3E7	9	256	11.6	250	2.3
EI30-18AA4E7	12	192	15.3	200	2.3
EI30-18AA5E7	15	153	19.0	160	2.3
EI30-18AA6E7	18	128	22.8	125	2.3
EI30-18AA7E7	24	96	30.4	100	2.3

Frame Size	Ta 50°C	Primayr voltage	Weight
EI30/18.0mm	2.1-2.7VA	230V 50HZ	Appr. 0.110Kg

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI30-18A01E5	6	450	9.5	450	2.7
EI30-18A02E5	7.5	360	11.8	400	2.7
EI30-18A03E5	9	300	14.6	315	2.7
EI30-18A04E5	12	225	20.4	250	2.7
EI30-18A05E5	15	180	23.7	200	2.7
EI30-18A06E5	18	150	28.0	160	2.7
EI30-18A07E5	24	113	36.9	125	2.7

Frame Size	Ta 70°C	Primayr voltage	Weight
EI30/18.0mm	2.3-3.0VA	230V 50HZ	Appr. 0.110Kg

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI30-18D01E7	2x 6	250	2x 8.1	250	3.0
EI30-18D02E7	2x 7.5	200	2x 10.0	200	3.0
EI30-18D03E7	2x 9	167	2x 12.1	160	3.0
EI30-18D04E7	2x 12	125	2x 16.6	125	3.0
EI30-18D05E7	2x 15	100	2x 21.0	100	3.0
EI30-18D06E7	2x 18	83	2x 24.9	80	3.0
EI30-18D07E7*	2x 24	63	2x 33.5	63	3.0

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI30-18DA1E7	2x 6	192	2x 7.8	200	2.3
EI30-18DA2E7	2x 7.5	153	2x 9.3	160	2.3
EI30-18DA3E7	2x 9	128	2x 11.5	125	2.3
EI30-18DA4E7	2x 12	96	2x 15.5	100	2.3
EI30-18DA5E7	2x 15	77	2x 18.0	80	2.3
EI30-18DA6E7	2x 18	64	2x 22.5	63	2.3
EI30-18DA7E7*	2x 24	48	2x 31.0	50	2.3

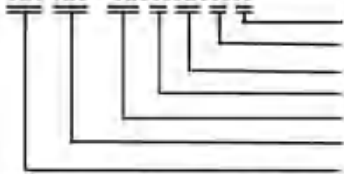
Frame Size	Ta 50°C	Primayr voltage	Weight
EI30/18.0mm	2.1-2.7VA	230V 50HZ	Appr. 0.110Kg

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI30-18D01E5	2x 6	225	2x 10.1	250	2.7
EI30-18D02E5	2x 7.5	180	2x 12.0	200	2.7
EI30-18D03E5	2x 9	150	2x 14.0	160	2.7
EI30-18D04E5	2x 12	113	2x 20.5	125	2.7
EI30-18D05E5	2x 15	90	2x 23.5	100	2.7
EI30-18D06E5*	2x 18	75	2x 28.5	80	2.7
EI30-18D07E5*	2x 24	56	2x 37.5	63	2.7

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



Ta: 5 stands for T50B, 7 stands for T70B.
 E: Encapsulated transformer,
 Series No.
 Secondary Circuitry. A: Single, D: Double
 Stack Thickness
 EI size.
 Type EI.

2) Non short-circuit proof safety isolating transformer.

3) *Non short-circuit proof isolating transformer.

4) Temperature class: B, Degree of protection in IP00.

5) Fuse protection on secondary side to be assembled by customer

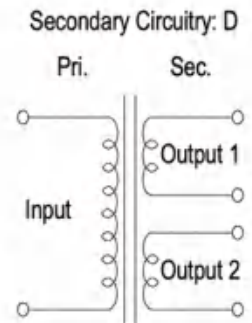
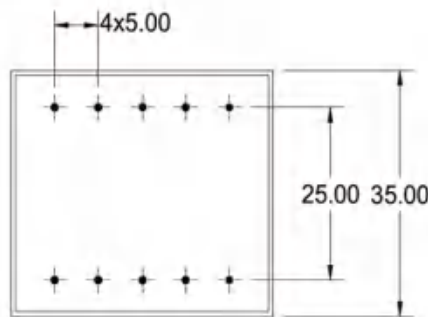
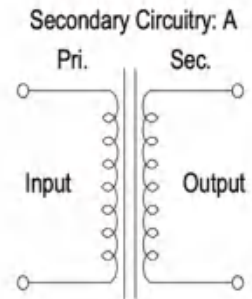
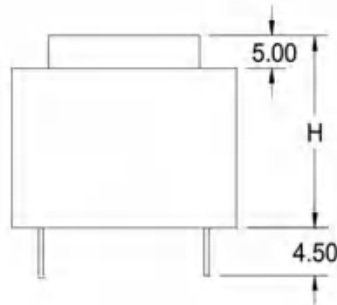
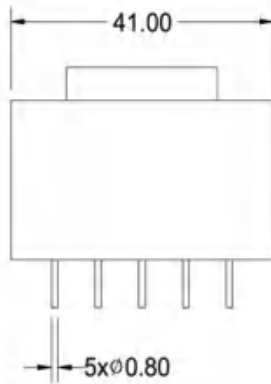
6) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please send your inquiries to us for details.

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器。请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-38 Series)



Unit in mm, Tolerance ± 0.5 mm

Frame Size	Core height	Output ta 70°C	Size (H)	Weight
EI38	13.6mm	4.5 VA	28.0 mm	Appr. 0.155Kg
EI38	16.5mm	6 VA	31.0 mm	Appr. 0.190Kg
EI38	28.0mm	9 VA	43.0 mm	Appr. 0.280Kg

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI38/13.6mm	2.5-4.5VA	230V 50HZ	Appr. 0.155Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI38-14A01E7	6	750	8.3	800	4.5
EI38-14A02E7	7.5	600	10.4	630	4.5
EI38-14A03E7	9	500	12.7	500	4.5
EI38-14A04E7	12	375	16.3	400	4.5
EI38-14A05E7	15	300	20.4	315	4.5
EI38-14A06E7	18	250	24.5	250	4.5
EI38-14A07E7	24	188	32.6	200	4.5

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI38/13.6mm	2.5-4.5VA	230V 50HZ	Appr. 0.155Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI38-14D01E7	2x 6	375	2x 8.2	400	4.5
EI38-14D02E7	2x 7.5	300	2x 10.5	315	4.5
EI38-14D03E7	2x 9	250	2x 12.9	250	4.5
EI38-14D04E7	2x 12	188	2x 16.5	200	4.5
EI38-14D05E7	2x 15	150	2x 20.5	160	4.5
EI38-14D06E7*	2x 18	125	2x 25.4	125	4.5
EI38-14D07E7*	2x 24	94	2x 33.1	100	4.5

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-38 Series)

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI38-14AA1E7	6	533	7.6	500	3.2
EI38-14AA2E7	7.5	427	9.5	400	3.2
EI38-14AA3E7	9	356	11.4	315	3.2
EI38-14AA4E7	12	267	15.0	250	3.2
EI38-14AA5E7	15	213	18.8	250	3.2
EI38-14AA6E7	18	178	22.5	200	3.2
EI38-14AA7E7	24	133	30.2	160	3.2

Frame Size Ta 70°C Primayr voltage Weight
 EI38/16.5mm 4.5-6.0VA 230V 50HZ Appr. 0.190Kg

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI38-16A01E7	6	1000	8.4	1000	6.0
EI38-16A02E7	7.5	800	10.4	800	6.0
EI38-16A03E7	9	667	12.7	630	6.0
EI38-16A04E7	12	500	16.5	500	6.0
EI38-16A05E7	15	400	20.8	400	6.0
EI38-16A06E7	18	333	24.5	315	6.0
EI38-16A07E7	24	250	32.1	250	6.0

Frame Size Ta 70°C Primayr voltage Weight
 EI38/28mm 6.0-9.0VA 230V 50HZ Appr. 0.280Kg

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI38-28A01E7	6	1500	7.8	1600	9.0
EI38-28A02E7	7.5	1200	9.5	1250	9.0
EI38-28A03E7	9	1000	11.7	1000	9.0
EI38-28A04E7	12	750	15.0	800	9.0
EI38-28A05E7	15	600	18.8	630	9.0
EI38-28A06E7	18	500	22.8	500	9.0
EI38-28A07E7	24	375	30.2	400	9.0

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI38-14DA1E7	2x 6	267	2x 7.6	250	3.2
EI38-14DA2E7	2x 7.5	213	2x 9.5	250	3.2
EI38-14DA3E7	2x 9	178	2x 11.0	200	3.2
EI38-14DA4E7	2x 12	133	2x 15.0	160	3.2
EI38-14DA5E7	2x 15	107	2x 19.5	125	3.2
EI38-14DA6E7	2x 18	89	2x 22.8	100	3.2
EI38-14DA7E7*	2x 24	67	2x 31.0	80	3.2

Frame Size Ta 70°C Primayr voltage Weight
 EI38/16.5mm 4.5-6.0VA 230V 50HZ Appr. 0.190Kg

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI38-16D01E7	2x 6	500	2x 8.4	500	6.0
EI38-16D02E7	2x 7.5	400	2x 10.5	400	6.0
EI38-16D03E7	2x 9	333	2x 12.9	315	6.0
EI38-16D04E7	2x 12	250	2x 16.8	250	6.0
EI38-16D05E7	2x 15	200	2x 20.5	200	6.0
EI38-16D06E7*	2x 18	167	2x 25.6	160	6.0
EI38-16D07E7*	2x 24	125	2x 33.1	125	6.0

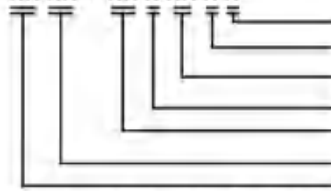
Frame Size Ta 70°C Primayr voltage Weight
 EI38/28mm 6.0-9.0VA 230V 50HZ Appr. 0.280Kg

Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI38-28D01E7	2x 6	750	2x 7.7	800	9.0
EI38-28D02E7	2x 7.5	600	2x 9.5	630	9.0
EI38-28D03E7	2x 9	500	2x 11.5	500	9.0
EI38-28D04E7	2x 12	375	2x 15.0	400	9.0
EI38-28D05E7	2x 15	300	2x 19.2	315	9.0
EI38-28D06E7*	2x 18	250	2x 22.8	250	9.0
EI38-28D07E7*	2x 24	188	2x 31.4	200	9.0

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



Ta: 5 stands for T50B, 7 stands for T70B.
 E: Encapsulated transformer.
 Series No.
 Secondary Circuitry: A: Single, D: Double
 Stack Thickness
 EI size.
 Type EI.

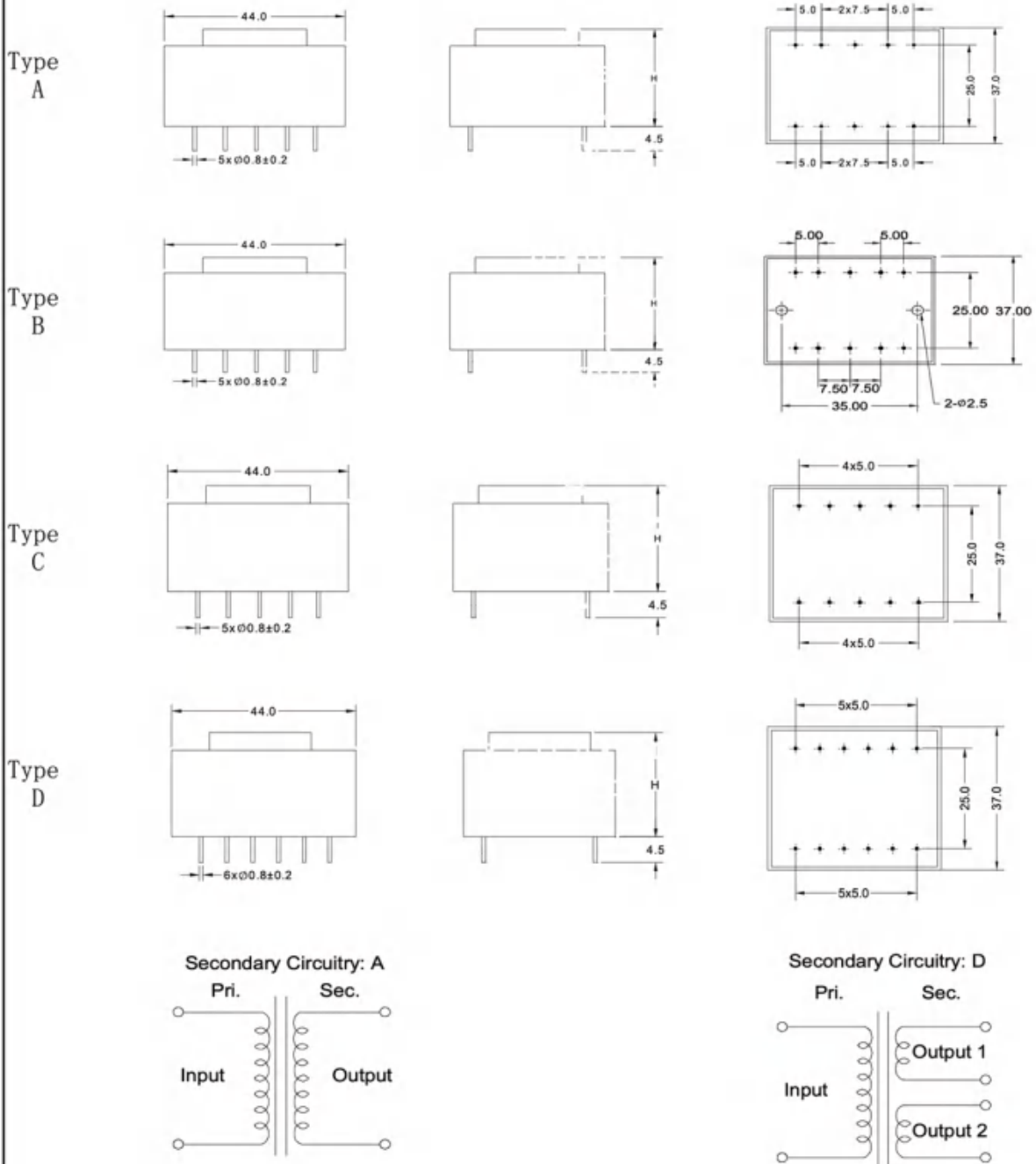
- 2) Non short-circuit proof safety isolating transformer.
- 3) *Non short-circuit proof isolating transformer.
- 4) Temperature class: B, Degree of protection in IP00.
- 5) Fuse protection on secondary side to be assembled by customer
- 6) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400, etc. please send your inquiries to us for details.

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器, 请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-41 Series)



Unit in mm, Tolerance $\pm 0.5\text{mm}$

Frame Size	Core height	Output at 70°C	Size (H)	Weight
EI41	14.8mm	8 VA	32.5 mm	Appr. 0.210Kg
EI41	20.0mm	10 VA	38.5 mm	Appr. 0.245Kg

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-41 Series)

Frame Size	Ta	70°C	Primayr voltage	Weight	
EI41/14.8mm	5.0-8.0VA	230V	50HZ	Appr. 0.210Kg	
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI41-15A01E7	6	1333	8.6	1250	8.0
EI41-15A02E7	7.5	1067	10.8	1000	8.0
EI41-15A03E7	9	889	12.4	800	8.0
EI41-15A04E7	12	667	16.8	630	8.0
EI41-15A05E7	15	533	21.0	500	8.0
EI41-15A06E7	18	444	25.3	400	8.0
EI41-15A07E7	24	333	33.7	315	8.0
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI41-15AA1E7	6	833	7.4	800	5.0
EI41-15AA2E7	7.5	667	10.6	630	5.0
EI41-15AA3E7	9	556	11.8	500	5.0
EI41-15AA4E7	12	417	14.5	400	5.0
EI41-15AA5E7	15	333	18.3	315	5.0
EI41-15AA6E7	18	278	22.5	315	5.0
EI41-15AA7E7	24	208	29.5	200	5.0

Frame Size	Ta	70°C	Primayr voltage	Weight	
EI41/14.8mm	5.0-8.0VA	230V	50HZ	Appr. 0.210Kg	
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI41-15D01E7	2x 6	667	2x 8.4	630	8.0
EI41-15D02E7	2x 7.5	533	2x 10.8	500	8.0
EI41-15D03E7	2x 9	444	2x 12.6	400	8.0
EI41-15D04E7	2x 12	333	2x 16.6	315	8.0
EI41-15D05E7	2x 15	267	2x 21.3	250	8.0
EI41-15D06E7	2x 18	222	2x 24.5	200	8.0
EI41-15D07E7*	2x 24	167	2x 33.8	160	8.0
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI41-15DA1E7	2x 6	417	2x 7.2	400	5.0
EI41-15DA2E7	2x 7.5	333	2x 10.1	315	5.0
EI41-15DA3E7	2x 9	278	2x 11.5	315	5.0
EI41-15DA4E7	2x 12	208	2x 14.5	200	5.0
EI41-15DA5E7	2x 15	167	2x 16.9	160	5.0
EI41-15DA6E7	2x 18	139	2x 23.2	160	5.0
EI41-15DA7E7*	2x 24	104	2x 30.2	100	5.0

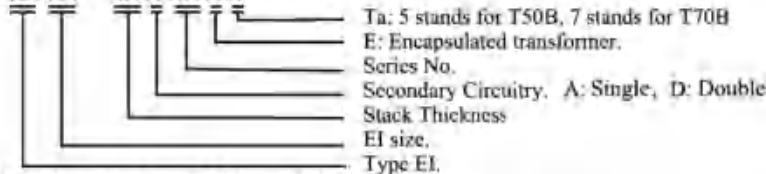
Frame Size	Ta	70°C	Primayr voltage	Weight	
EI41/20.0mm	6.0-10.0VA	230V	50HZ	Appr. 0.245Kg	
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI41-20A01E7	6	1667	8.2	1670	10.0
EI41-20A02E7	7.5	1333	10.5	1250	10.0
EI41-20A03E7	9	1111	12.1	1250	10.0
EI41-20A04E7	12	833	16.4	800	10.0
EI41-20A05E7	15	667	20.8	630	10.0
EI41-20A06E7	18	556	25.1	500	10.0
EI41-20A07E7	24	417	32.3	400	10.0
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI41-20AA1E7	6	1000	7.7	1000	6.0
EI41-20AA2E7	7.5	800	10.7	800	6.0
EI41-20AA3E7	9	667	11.8	630	6.0
EI41-20AA4E7	12	500	14.6	500	6.0
EI41-20AA5E7	15	400	18.8	400	6.0
EI41-20AA6E7	18	333	23.4	315	6.0
EI41-20AA7E7	24	250	29.5	250	6.0

Frame Size	Ta	70°C	Primayr voltage	Weight	
EI41/20.0mm	6.0-10.0VA	230V	50HZ	Appr. 0.245Kg	
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI41-20D01E7	2x 6	833	2x 8.2	800	10.0
EI41-20D02E7	2x 7.5	667	2x 10.4	630	10.0
EI41-20D03E7	2x 9	556	2x 12.0	500	10.0
EI41-20D04E7	2x 12	417	2x 16.6	400	10.0
EI41-20D05E7	2x 15	333	2x 20.6	315	10.0
EI41-20D06E7	2x 18	278	2x 24.4	250	10.0
EI41-20D07E7*	2x 24	208	2x 33.8	200	10.0
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI41-20DA1E7	2x 6	500	2x 7.6	500	6.0
EI41-20DA2E7	2x 7.5	400	2x 10.6	400	6.0
EI41-20DA3E7	2x 9	333	2x 11.7	315	6.0
EI41-20DA4E7	2x 12	250	2x 14.5	250	6.0
EI41-20DA5E7	2x 15	200	2x 18.4	200	6.0
EI41-20DA6E7	2x 18	167	2x 23.2	200	6.0
EI41-20DA7E7*	2x 24	125	2x 30.1	125	6.0

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



2) Non short-circuit proof safety isolating transformer

3) *Non short-circuit proof isolating transformer

4) Temperature class: B, Degree of protection in IP00

5) Fuse protection on secondary side to be assembled by custom

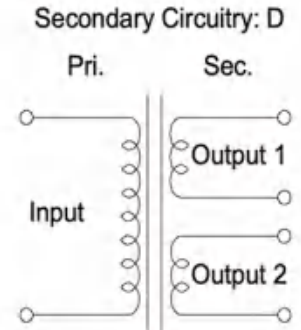
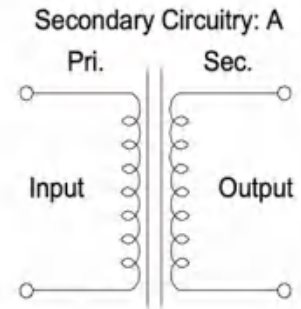
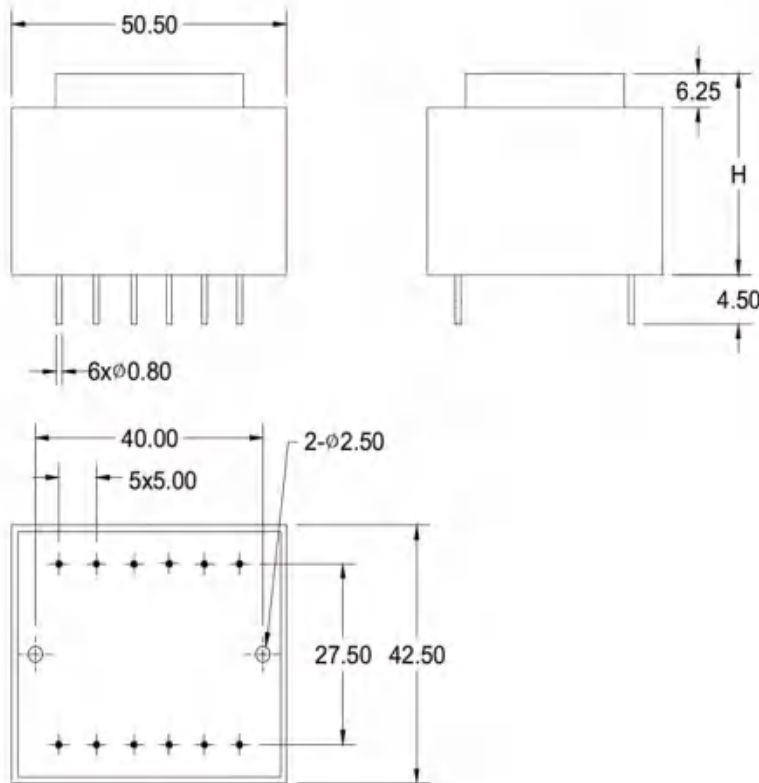
6) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please sen your inquiries to us for details.

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ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-48 Series)



Unit in mm, Tolerance $\pm 0.5\text{mm}$

Frame Size	Core height	Output ta 70°C	Size (H)	Weight
EI48	16.8mm	10 VA	34.8 mm	Appr. 0.315Kg
EI48	20.5mm	12 VA	39.0 mm	Appr. 0.360Kg
EI48	25.5mm	15 VA	44.0 mm	Appr. 0.460Kg

Frame Size	Ta 70°C	Primayr voltage	Weight			Frame Size	Ta 70°C	Primayr voltage	Weight		
EI48/16.8mm	8.0-10.0	VA 230V 50HZ	Appr. 0.315Kg			EI48/16.8mm	8.0-10.0	VA 230V 50HZ	Appr. 0.315Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)	Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI48-16A01E7	6	1667	7.6	1600	10.0	EI48-16D01E7	2x 6	833	2x 7.6	800	10.0
EI48-16A02E7	7.5	1333	9.8	1250	10.0	EI48-16D02E7	2x 7.5	667	2x 9.8	630	10.0
EI48-16A03E7	9	1111	11.5	1000	10.0	EI48-16D03E7	2x 9	556	2x 11.5	500	10.0
EI48-16A04E7	12	833	14.5	800	10.0	EI48-16D04E7	2x 12	417	2x 14.8	400	10.0
EI48-16A05E7	15	667	18.6	630	10.0	EI48-16D05E7	2x 15	333	2x 18.5	315	10.0
EI48-16A06E7	18	556	22.3	500	10.0	EI48-16D06E7	2x 18	278	2x 21.8	250	10.0
EI48-16A07E7	24	417	28.7	400	10.0	EI48-16D07E7*	2x 24	208	2x 28.6	200	10.0

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-48 Series)

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI48/20.5mm	10.0-12.0V	230V 50HZ	Appr. 0.360Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI48-20A01E7	6	2000	8.3	2000	12.0
EI48-20A02E7	7.5	1600	10.6	1600	12.0
EI48-20A03E7	9	1333	12.4	1250	12.0
EI48-20A04E7	12	1000	16.3	1000	12.0
EI48-20A05E7	15	800	19.9	800	12.0
EI48-20A06E7	18	667	23.5	630	12.0
EI48-20A07E7	24	500	30.3	500	12.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI48/20.5mm	10.0-12.0V	230V 50HZ	Appr. 0.360Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI48-20D01E7	2x 6	1000	2x 8.3	1000	12.0
EI48-20D02E7	2x 7.5	800	2x 10.6	800	12.0
EI48-20D03E7	2x 9	667	2x 12.4	630	12.0
EI48-20D04E7	2x 12	500	2x 16.3	500	12.0
EI48-20D05E7	2x 15	400	2x 19.9	400	12.0
EI48-20D06E7	2x 18	333	2x 23.5	315	12.0
EI48-20D07E7*	2x 24	250	2x 30.3	250	12.0

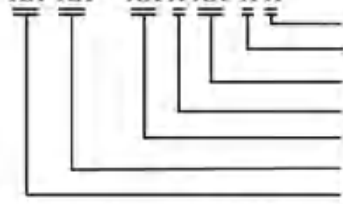
Frame Size	Ta 70°C	Primayr voltage	Weight		
EI48/25.5mm	12.0-15.0V	230V 50HZ	Appr. 0.460Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI48-25A01E7	6	2500	8.3	2500	15.0
EI48-25A02E7	7.5	2000	10.2	2000	15.0
EI48-25A03E7	9	1667	12.0	1600	15.0
EI48-25A04E7	12	1250	15.3	1250	15.0
EI48-25A05E7	15	1000	19.5	1000	15.0
EI48-25A06E7	18	833	23.5	800	15.0
EI48-25A07E7	24	625	30.0	630	15.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI48/25.5mm	12.0-15.0V	230V 50HZ	Appr. 0.460Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI48-25D01E7	2x 6	1250	2x 8.3	1250	15.0
EI48-25D02E7	2x 7.5	1000	2x 10.3	1000	15.0
EI48-25D03E7	2x 9	833	2x 12.1	800	15.0
EI48-25D04E7	2x 12	625	2x 15.5	630	15.0
EI48-25D05E7	2x 15	500	2x 19.4	500	15.0
EI48-25D06E7	2x 18	417	2x 23.5	400	15.0
EI48-25D07E7*	2x 24	313	2x 30.1	315	15.0

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



Ta: 5 stands for T50B, 7 stands for T70B.
 E: Encapsulated transformer.
 Series No.
 Secondary Circuitry. A: Single, D: Double
 Stack Thickness
 EI size.
 Type EI.

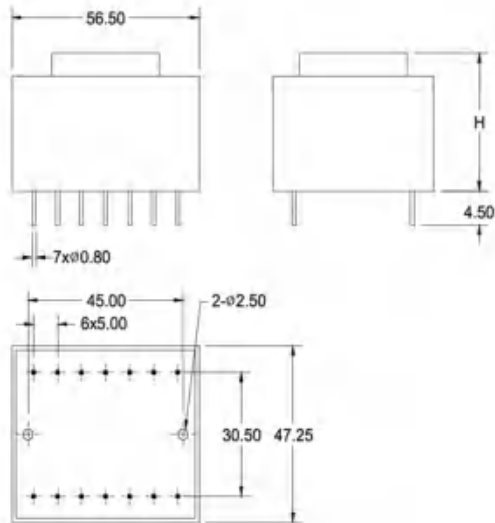
- 2) Non short-circuit proof safety isolating transformer.
- 3) *Non short-circuit proof isolating transformer
- 4) Temperature class: B, Degree of protection in IP00.
- 5) Fuse protection on secondary side to be assembled by customer
- 6) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please send your inquiries to us for details.

Notes: We can design and produce transformers based on your specifications, please contact us directly.

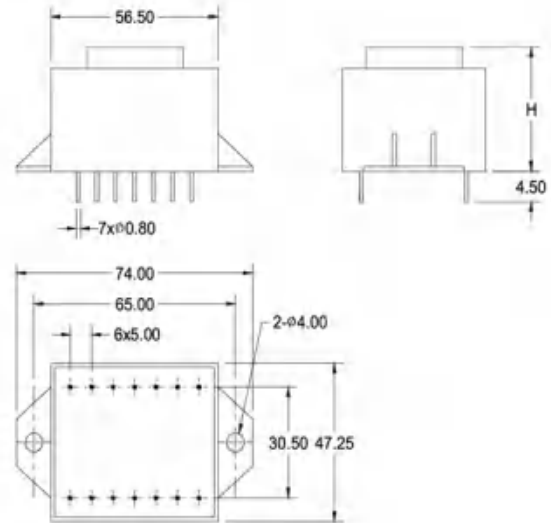
我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-54 Series)

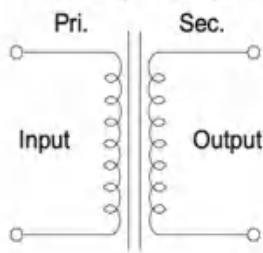


Type A

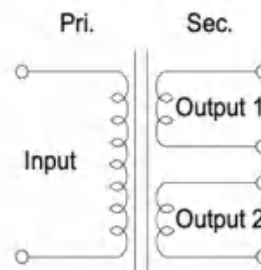


Type B

Secondary Circuitry: A



Secondary Circuitry: D



Unit in mm, Tolerance $\pm 0.5\text{mm}$

Frame Size	Core height	Output ta 70°C	Size (H)	Weight
EI54	18.8mm	16VA(Ta 70 or 50)	38.8 mm	Appr. 0.420Kg
EI54	23.0mm	20 VA	43.0 mm	Appr. 0.515Kg
EI54	25.5mm	23 VA	47.5 mm	Appr. 0.570Kg

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI54/18.8mm	12.0-16.0VA	230V 50HZ	Appr. 0.420Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI54-19A01E7	6	2667	7.9	2500	16.0
EI54-19A02E7	7.5	2133	9.7	2000	16.0
EI54-19A03E7	9	1778	11.7	1600	16.0
EI54-19A04E7	12	1333	15.2	1250	16.0
EI54-19A05E7	15	1067	19.1	1000	16.0
EI54-19A06E7	18	889	22.3	800	16.0
EI54-19A07E7	24	667	29.1	630	16.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI54/18.8mm	12.0-16.0VA	230V 50HZ	Appr. 0.420Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI54-19D01E7	2x 6	1333	2x 7.9	1250	16.0
EI54-19D02E7	2x 7.5	1067	2x 9.7	1000	16.0
EI54-19D03E7	2x 9	889	2x 11.7	800	16.0
EI54-19D04E7	2x 12	667	2x 15.2	630	16.0
EI54-19D05E7	2x 15	533	2x 19.1	500	16.0
EI54-19D06E7*	2x 18	444	2x 22.3	500	16.0
EI54-19D07E7*	2x 24	333	2x 29.2	315	16.0

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-54 Series)

Frame Size	Ta 50°C	Primayr voltage	Weight		
EI54/18.8mm	12.0-16.0VA	230V 50HZ	Appr. 0.515Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI54-19AA1E5	6	2667	7.5	2500	16.0
EI54-19AA2E7	7.5	2133	9.4	2000	16.0
EI54-19AA3E7	9	1778	11.0	1600	16.0
EI54-19AA4E7	12	1333	14.7	1250	16.0
EI54-19AA5E7	15	1067	18.4	1000	16.0
EI54-19AA6E7	18	889	21.4	800	16.0
EI54-19AA7E7	24	667	28.6	630	16.0

Frame Size	Ta 50°C	Primayr voltage	Weight		
EI54/18.8mm	12.0-16.0VA	230V 50HZ	Appr. 0.515Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI54-19DA1E5	2x 6	1333	2x 7.5	1250	16.0
EI54-19DA2E7	2x 7.5	1067	2x 9.4	1000	16.0
EI54-19DA3E7	2x 9	889	2x 11.0	800	16.0
EI54-19DA4E7	2x 12	667	2x 14.6	630	16.0
EI54-19DA5E7	2x 15	533	2x 18.3	500	16.0
EI54-19DA6E7*	2x 18	444	2x 21.3	500	16.0
EI54-19DA7E7*	2x 24	333	2x 28.5	315	16.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI54/23.0mm	15.0-20.0VA	230V 50HZ	Appr. 0.110Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI54-23A01E7	6	3333	7.7	3150	20.0
EI54-23A02E7	7.5	2667	9.5	2500	20.0
EI54-23A03E7	9	2222	11.4	2500	20.0
EI54-23A04E7	12	1667	15.0	1600	20.0
EI54-23A05E7	15	1333	18.6	1250	20.0
EI54-23A06E7	18	1111	21.8	1000	20.0
EI54-23A07E7	24	833	29.5	800	20.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI54/23.0mm	15.0-20.0VA	230V 50HZ	Appr. 0.110Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI54-23D01E7	2x 6	1667	2x 7.7	1600	20.0
EI54-23D02E7	2x 7.5	1333	2x 9.5	1250	20.0
EI54-23D03E7	2x 9	1111	2x 11.4	1000	20.0
EI54-23D04E7	2x 12	833	2x 15.0	800	20.0
EI54-23D05E7	2x 15	667	2x 18.6	630	20.0
EI54-23D06E7*	2x 18	556	2x 21.8	500	20.0
EI54-23D07E7*	2x 24	417	2x 29.5	400	20.0

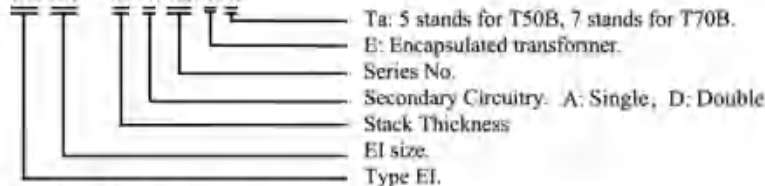
Frame Size	Ta 70°C	Primayr voltage	Weight		
EI54/25.5mm	18.0-23.0VA	230V 50HZ	Appr. 0.570Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI54-25A01E7	6	3833	7.5	4000	23.0
EI54-25A02E7	7.5	3067	9.0	3150	23.0
EI54-25A03E7	9	2556	10.8	2500	23.0
EI54-25A04E7	12	1917	14.6	2000	23.0
EI54-25A05E7	15	1533	18.0	1600	23.0
EI54-25A06E7	18	1278	21.1	1250	23.0
EI54-25A07E7	24	958	28.0	1000	23.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI54/25.5mm	18.0-23.0VA	230V 50HZ	Appr. 0.570Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI54-25D01E7	2x 6	1917	2x 7.5	2000	23.0
EI54-25D02E7	2x 7.5	1533	2x 9.0	1600	23.0
EI54-25D03E7	2x 9	1278	2x 10.8	1250	23.0
EI54-25D04E7	2x 12	958	2x 14.6	1000	23.0
EI54-25D05E7	2x 15	767	2x 18.0	800	23.0
EI54-25D06E7*	2x 18	639	2x 21.1	630	23.0
EI54-25D07E7*	2x 24	479	2x 28.0	500	23.0

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



2) Non short-circuit proof safety isolating transformer.

3) *Non short-circuit proof isolating transformer.

4) Temperature class: B, Degree of protection in IP00.

5) Fuse protection on secondary side to be assembled by customer

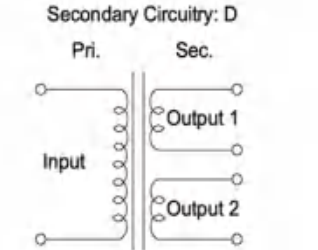
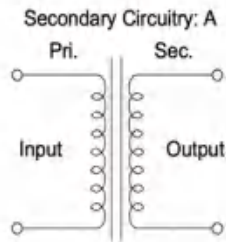
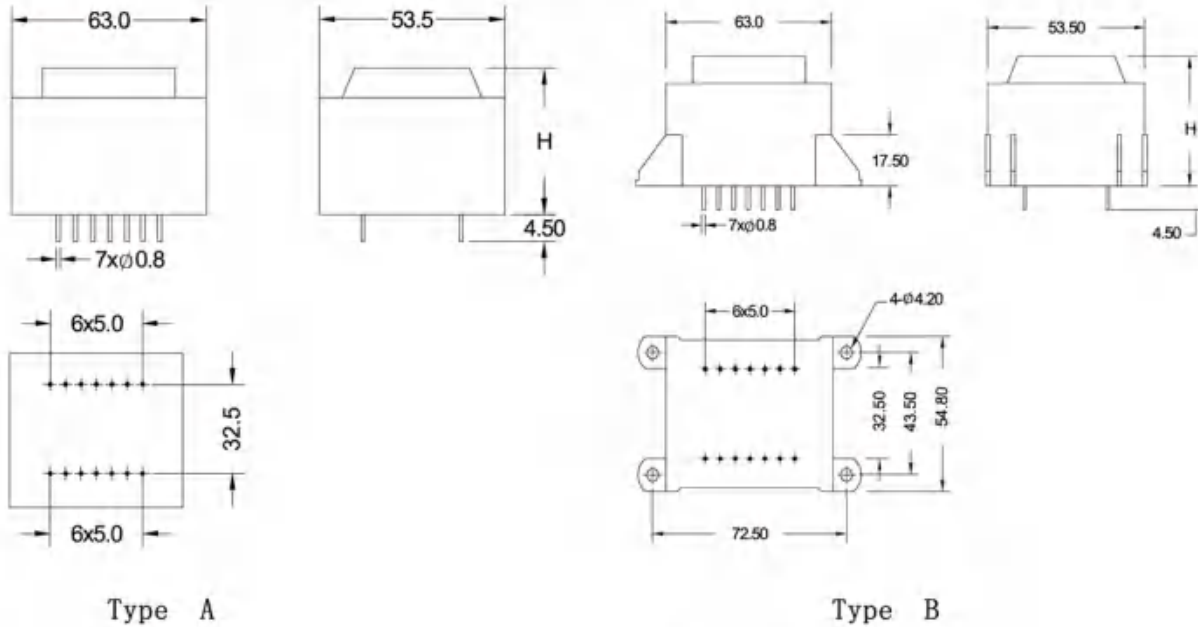
6) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please send your inquiries to us for details.

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ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-60 Series)



Unit in mm, Tolerance $\pm 0.5\text{mm}$

Frame Size	Core height	Output at 70°C	Size (H)	Weight
EI60	21.0mm	23 VA	44.6 mm	Appr. 0.585Kg
EI60	25.5mm	28 VA	49.5 mm	Appr. 0.685Kg
EI60	30.5mm	30 VA	54.5 mm	Appr. 0.780Kg
EI60	35.5mm	35 VA	58.8 mm	Appr. 0.885Kg

Frame Size	Ta 70°C	Primary voltage	Weight		
EI60/21.0mm	15.0-23.0VA	230V 50HZ	Appr. 0.585Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI60-21A01E7	6	3833	7.0	4000	23.0
EI60-21A02E7	7.5	3067	8.8	3150	23.0
EI60-21A03E7	9	2556	10.5	2500	23.0
EI60-21A04E7	12	1917	13.8	2000	23.0
EI60-21A05E7	15	1533	17.0	1600	23.0
EI60-21A06E7	18	1278	20.7	1250	23.0
EI60-21A07E7	24	958	27.6	1000	23.0

Frame Size	Ta 70°C	Primary voltage	Weight		
EI60/21.0mm	15.0-23.0VA	230V 50HZ	Appr. 0.585Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI60-21D01E7	2x 6	1917	2x 7.0	2000	23.0
EI60-21D02E7	2x 7.5	1533	2x 8.8	1600	23.0
EI60-21D03E7	2x 9	1278	2x 10.4	1250	23.0
EI60-21D04E7	2x 12	958	2x 13.8	1000	23.0
EI60-21D05E7	2x 15	767	2x 17.1	800	23.0
EI60-21D06E7*	2x 18	639	2x 20.8	630	23.0
EI60-21D07E7*	2x 24	479	2x 27.6	500	23.0

Notes: We can design and produce transformers based on your specifications, please contact us directly.

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ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-60 Series)

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI60/25.5mm	16.0-28.0VA	230V 50HZ	Appr. 0.685Kg		
Catalog No.	Secondary	Secondary	No-Load	Fuse	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(mA)	(VA)
EI60-25A01E7	6	4667	7.1	5000	28.0
EI60-25A02E7	7.5	3733	8.8	4000	28.0
EI60-25A03E7	9	3111	10.6	3150	28.0
EI60-25A04E7	12	2333	14.4	2500	28.0
EI60-25A05E7	15	1867	17.8	2000	28.0
EI60-25A06E7	18	1556	20.5	1600	28.0
EI60-25A07E7	24	1167	27.6	1250	28.0

Frame Size	Ta 70°C	Primayr voltaq	Weight		
EI60/25.5mm	16.0-28.0VA	230V 50HZ	Appr. 0.685Kg		
Catalog No.	Secondary	Secondary	No-Load	Fuse	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(mA)	(VA)
EI60-25D01E7	2x 6	2333	2x 7.1	2500	28.0
EI60-25D02E7	2x 7.5	1867	2x 8.8	2000	28.0
EI60-25D03E7	2x 9	1556	2x 10.6	1600	28.0
EI60-25D04E7	2x 12	1167	2x 14.4	1250	28.0
EI60-25D05E7	2x 15	933	2x 17.8	1000	28.0
EI60-25D06E7	2x 18	778	2x 20.5	800	28.0
EI60-25D07E7*	2x 24	583	2x 27.6	630	28.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI60/30.5mm	20.0-30.0VA	230V 50HZ	Appr. 0.780Kg		
Catalog No.	Secondary	Secondary	No-Load	Fuse	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(mA)	(VA)
EI60-30A01E7	6	5000	7.0	5000	30.0
EI60-30A02E7	7.5	4000	8.7	4000	30.0
EI60-30A03E7	9	3333	10.2	3150	30.0
EI60-30A04E7	12	2500	13.7	2500	30.0
EI60-30A05E7	15	2000	16.8	2000	30.0
EI60-30A06E7	18	1667	20.3	1600	30.0
EI60-30A07E7	24	1250	27.0	1250	30.0

Frame Size	Ta 70°C	Primayr voltaq	Weight		
EI60/30.5mm	20.0-30.0VA	230V 50HZ	Appr. 0.780Kg		
Catalog No.	Secondary	Secondary	No-Load	Fuse	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(mA)	(VA)
EI60-30D01E7	2x 6	2500	2x 7.0	2500	30.0
EI60-30D02E7	2x 7.5	2000	2x 8.7	2000	30.0
EI60-30D03E7	2x 9	1667	2x 10.2	1600	30.0
EI60-30D04E7	2x 12	1250	2x 13.7	1250	30.0
EI60-30D05E7	2x 15	1000	2x 16.8	1000	30.0
EI60-30D06E7*	2x 18	833	2x 20.3	800	30.0
EI60-30D07E7*	2x 24	625	2x 27.0	630	30.0

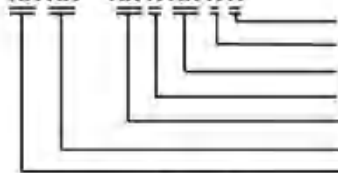
Frame Size	Ta 70°C	Primayr voltage	Weight		
EI60/35.5mm	25.0-35.0VA	230V 50HZ	Appr. 0.885Kg		
Catalog No.	Secondary	Secondary	No-Load	Fuse	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(mA)	(VA)
EI60-35A01E7	6	5833	7.0	6300	35.0
EI60-35A02E7	7.5	4667	8.7	5000	35.0
EI60-35A03E7	9	3889	10.3	4000	35.0
EI60-35A04E7	12	2917	13.9	3150	35.0
EI60-35A05E7	15	2333	17.1	2500	35.0
EI60-35A06E7	18	1944	20.3	2000	35.0
EI60-35A07E7	24	1458	26.8	1600	35.0

Frame Size	Ta 70°C	Primayr voltaq	Weight		
EI60/35.5mm	25.0-35.0VA	230V 50HZ	Appr. 0.885Kg		
Catalog No.	Secondary	Secondary	No-Load	Fuse	Rating
	Voltage(V)	Current(mA)	Voltage(V)	(mA)	(VA)
EI60-35D01E7	2x 6	2917	2x 7.0	3150	35.0
EI60-35D02E7	2x 7.5	2333	2x 8.7	2500	35.0
EI60-35D03E7	2x 9	1944	2x 10.3	2000	35.0
EI60-35D04E7	2x 12	1458	2x 13.9	1600	35.0
EI60-35D05E7	2x 15	1167	2x 17.1	1250	35.0
EI60-35D06E7*	2x 18	972	2x 20.3	1000	35.0
EI60-35D07E7*	2x 24	729	2x 26.8	800	35.0

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



Ta: 5 stands for T50B, 7 stands for T70B.
 E: Encapsulated transformer.
 Series No.
 Secondary Circuitry: A: Single, D: Double
 Stack Thickness
 EI size.
 Type EI.

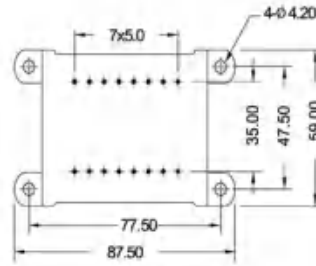
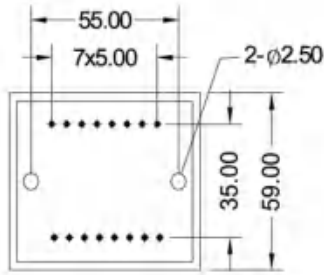
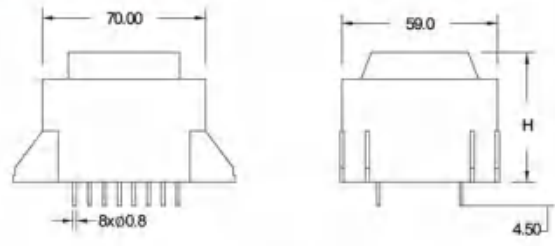
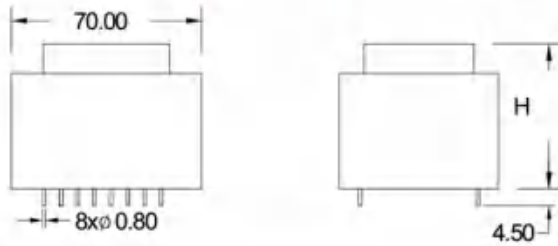
- 2) Non short-circuit proof safety isolating transformer
- 3) *Non short-circuit proof isolating transformer.
- 4) Temperature class: B, Degree of protection in IP00.
- 5) Fuse protection on secondary side to be assembled by customer
- 6) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please send your inquiries to us for details.

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器, 请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

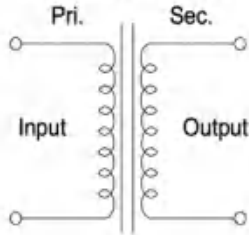
Encapsulated Transformers (EI-66 Series)



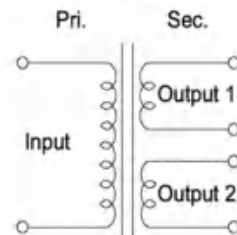
Type A

Type B

Secondary Circuitry: A



Secondary Circuitry: D



Unit in mm, Tolerance $\pm 0.5\text{mm}$

Frame Size	Core height	Output ta 70°C	Size (H)	Weight
EI66	23.0mm	33 VA	48.5 mm	Appr. 0.790Kg
EI66	30.0mm	44 VA	56.0 mm	Appr. 0.940Kg
EI66	34.8mm	47 VA	61.0 mm	Appr. 0.980Kg
EI66	40.0mm	50 VA	67.0 mm	Appr. 1.180Kg

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI66/23.0mm	23.0-33.0VA	230V 50HZ	Appr. 0.790Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI66-23A01E7	6	5500	7.0	160	33.0
EI66-23A02E7	7.5	4400	8.7	160	33.0
EI66-23A03E7	9	3667	10.3	160	33.0
EI66-23A04E7	12	2750	14.0	160	33.0
EI66-23A05E7	15	2200	16.9	160	33.0
EI66-23A06E7	18	1833	20.1	160	33.0
EI66-23A07E7	24	1375	26.8	160	33.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI66/23.0mm	23.0-33.0VA	230V 50HZ	Appr. 0.790Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI66-23D01E7	2x 6	2750	2x 7.0	160	33.0
EI66-23D02E7	2x 7.5	2200	2x 8.7	160	33.0
EI66-23D03E7	2x 9	1833	2x 10.3	160	33.0
EI66-23D04E7	2x 12	1375	2x 14.0	160	33.0
EI66-23D05E7	2x 15	1100	2x 16.9	160	33.0
EI66-23D06E7	2x 18	917	2x 20.1	160	33.0
EI66-23D07E7*	2x 24	688	2x 26.8	160	33.0

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

ENCAPSULATED TRANSFORMERS

Encapsulated Transformers (EI-66 Series)

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI66/30.0mm	30.0-44.0VA	230V 50HZ	Appr. 0.940Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI66-30A01E7	6	7333	6.8	200	44.0
EI66-30A02E7	7.5	5867	8.8	200	44.0
EI66-30A03E7	9	4889	10.5	200	44.0
EI66-30A04E7	12	3667	13.7	200	44.0
EI66-30A05E7	15	2933	17.2	200	44.0
EI66-30A06E7	18	2444	20.2	200	44.0
EI66-30A07E7	24	1833	26.9	200	44.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI66/30.0mm	30.0-44.0VA	230V 50HZ	Appr. 0.940Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI66-30D01E7	2x 6	3667	2x 6.8	200	44.0
EI66-30D02E7	2x 7.5	2933	2x 8.8	200	44.0
EI66-30D03E7	2x 9	2444	2x 10.3	200	44.0
EI66-30D04E7	2x 12	1833	2x 13.7	200	44.0
EI66-30D05E7	2x 15	1467	2x 17.2	200	44.0
EI66-30D06E7	2x 18	1222	2x 20.2	200	44.0
EI66-30D07E7*	2x 24	917	2x 26.9	200	44.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI66/34.8mm	35.0-47.0VA	230V 50HZ	Appr. 0.980Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI66-35A01E7	6	7833	7.3	250	47.0
EI66-35A02E7	7.5	6267	8.6	250	47.0
EI66-35A03E7	9	5222	10.0	250	47.0
EI66-35A04E7	12	3917	13.0	250	47.0
EI66-35A05E7	15	3133	16.4	250	47.0
EI66-35A06E7	18	2611	19.7	250	47.0
EI66-35A07E7	24	1958	26.3	250	47.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI66/34.8mm	35.0-47.0VA	230V 50HZ	Appr. 0.980Kg		
Catalog No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI66-35D01E7	2x 6	3917	2x 7.1	250	47.0
EI66-35D02E7	2x 7.5	3133	2x 8.6	250	47.0
EI66-35D03E7	2x 9	2611	2x 10.0	250	47.0
EI66-35D04E7	2x 12	1958	2x 13.0	250	47.0
EI66-35D05E7	2x 15	1567	2x 16.4	250	47.0
EI66-35D06E7	2x 18	1306	2x 19.7	250	47.0
EI66-35D07E7*	2x 24	979	2x 26.3	250	47.0

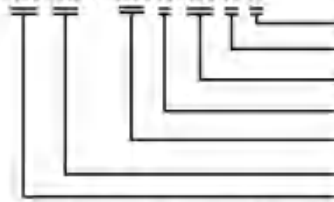
Frame Size	Ta 70°C	Primayr voltage	Weight		
EI66/40.0m	40.0-50.0VA	230V 50HZ	Appr. 1.180Kg		
Part No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI66-40A01E7	6	8333	6.9	250	50.0
EI66-40A02E7	7.5	6667	8.5	250	50.0
EI66-40A03E7	9	5556	10.0	250	50.0
EI66-40A04E7	12	4167	13.0	250	50.0
EI66-40A05E7	15	3333	16.4	250	50.0
EI66-40A06E7	18	2778	19.7	250	50.0
EI66-40A07E7	24	2083	26.1	250	50.0

Frame Size	Ta 70°C	Primayr voltage	Weight		
EI66/40.0mm	40.0-50.0VA	230V 50HZ	Appr. 1.180Kg		
Part No.	Secondary Voltage(V)	Secondary Current(mA)	No-Load Voltage(V)	Fuse (mA)	Rating (VA)
EI66-40D01E7	2x 6	4167	2x 6.8	250	50.0
EI66-40D02E7	2x 7.5	3333	2x 8.5	250	50.0
EI66-40D03E7	2x 9	2778	2x 10.0	250	50.0
EI66-40D04E7	2x 12	2083	2x 13.0	250	50.0
EI66-40D05E7	2x 15	1667	2x 16.4	250	50.0
EI66-40D06E7	2x 18	1389	2x 19.7	250	50.0
EI66-40D07E7*	2x 24	1042	2x 26.1	250	50.0

Remarks:

1) Catalog Number System

XX XX - XX X XX X X



Ta: 5 stands for T50B, 7 stands for T70B.
 E: Encapsulated transformer.
 Series No.
 Secondary Circuitry. A: Single, D: Double
 Stack Thickness
 EI size.
 Type EI.

2) Non short-circuit proof safety isolating transformer.

3) *Non short-circuit proof isolating transformer.

4) Temperature class: B, Degree of protection in IP00.

5) Fuse protection on secondary side to be assembled by customer

6) We also desing & produce encapsulated transformers with various input voltages such as 115/230, 117, 400,etc. please send inquiries your to us for details

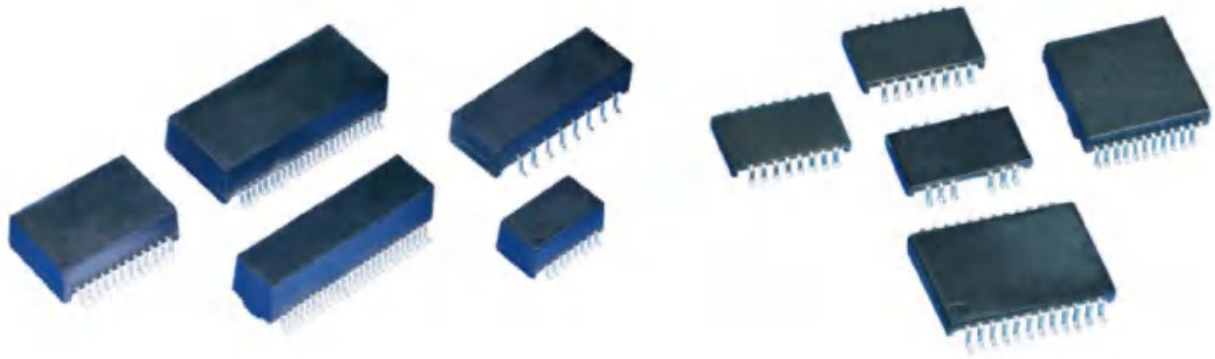
Notes: We can design and produce transformers based on your specifications, please contact us directly.

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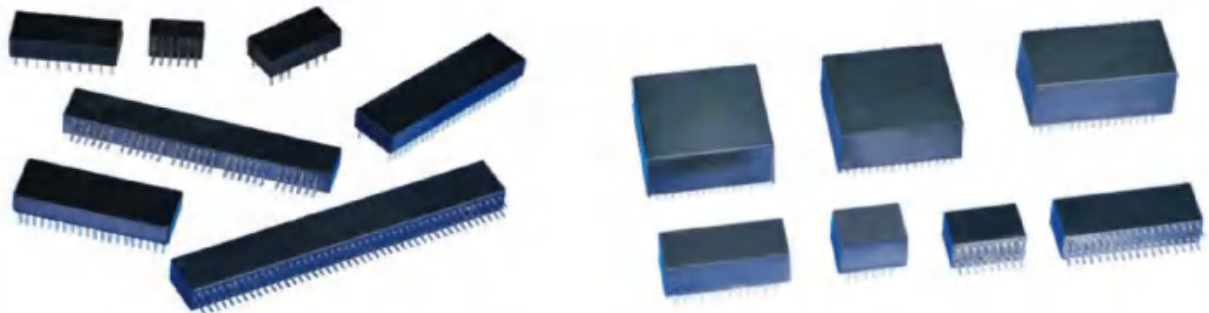
FEATURES AND TYPICAL APPLICATION

LAN TRANSFORMERS

1. Surface Mount Series(表面贴装系列)



2. Standard Through Hole Series(标准插件系列)



3. Features:

LAN transformers made from high quality ferrite material with better design, good performance in the electrical common mode rejection and EMI, products comply with IEEE802.3 and IEEE802.3u standards and include 10/100/1000BASE-T, 10G BASE-T.

LAN变压器采用高品质的铁氧体材料加良好的绕线工艺制作而成，具有电气隔离，共模抑制，EMI性能强，产品符合IEEE802.3和IEEE802.3u标准，包括10/100/1000BASE-T，10G BASE-T。

4. Applications:

Digital Ethernet devices; Broadband access equipment; Computers and Multimedia, etc.

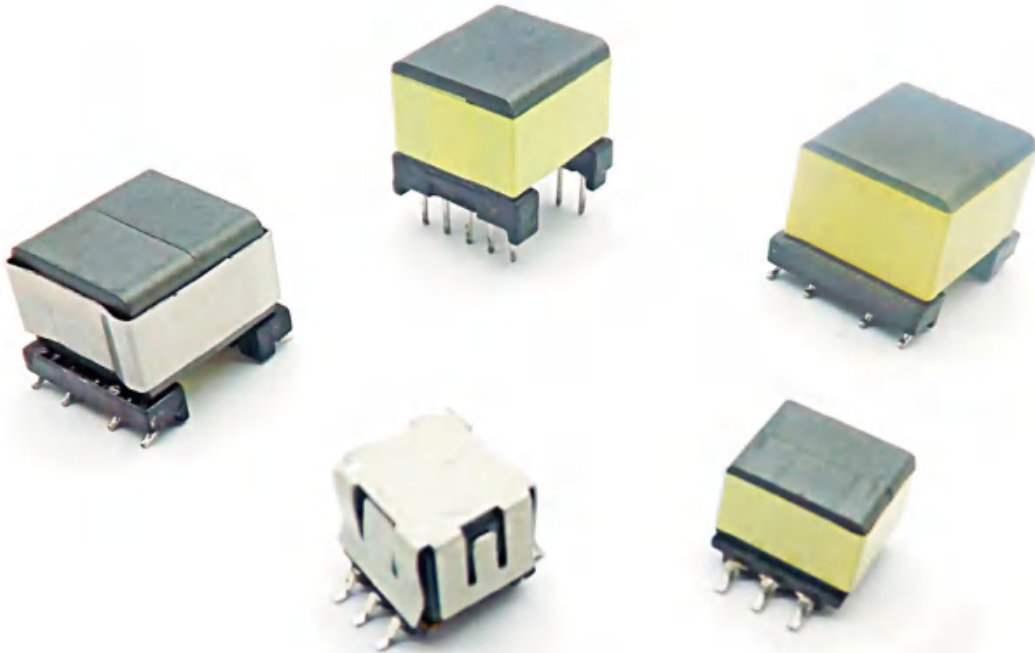
数字以太网设备；宽带接入设备；电脑；多媒体设备等。

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

FEATURES AND TYPICAL APPLICATION

XDSL TRANSFORMERS



1. Features:

XDSL transformers made from high quality ferrite material with better design, good performance in the smaller installation dimensions and THD, products could meet EN60950 standard.

XDSL线路变压器采用高品质的铁氧体材料加良好的绕线工艺制作而成，设计满足EN60950标准，具有较小的安装尺寸和良好的THD特性。

2. Applications:

ADSL; VDSL; VOIP; CO / CPE Splitter; Phone line and Powerline network system.

ADSL; VDSL; VOIP; CO/CPE分离器; 电话线和电力线网络系统中。

Notes: We can design and produce transformers based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的变压器，请发您的规格要求和参数给我们。

1: Coil (空心线圈)

产品包括音圈和各类微型马达线圈、KC线圈、平面线圈、不干胶线圈、和其他所有空心线圈、IC卡门禁线圈、太阳能摇摆线圈、手机马达线圈振动、天线线圈等。

Applications:

Telecommunications Products; Information Equipment; Household appliances.



2: Wireless charger coil (无线充电器线圈)

我们的无线充电器线圈设计，制造满足Qi标准。
产品可应用于智能手机；电动工具等实现无线自动充电。

Applications:

Smart Phone; Power Tools.



3: Induction coil (感应线圈)

感应线圈采用优质的铁氧体磁芯和良好的绕线工艺制作而成，具有自我屏蔽效果与圆环形磁芯相比，卷绕性能出色单位空间占有电感值高，并获得高Q值，充分发挥出超小型高感抗的优点，适用于各类感应器。

线圈直径：Φ2.5—Φ22mm；线径：≥0.04mm

Applications:

Industrial Sensor; Detector

Coil diameter: Φ2.5-Φ22mm; Self-bond wire diameter: ≥0.04mm



Notes: We can design and produce coil based on your specifications, please contact us directly.

我们可以根据客户要求设计和生产更多不同规格和参数的线圈，请发您的规格要求和参数给我们。

CERTIFICATION ON QUALITY



CERTIFICATE FOR QUALITY MANAGEMENT SYSTEM

Certificate No. 04211Q20150R1S

This is to certify the quality management system of

OCL ELECTRONIC SHANGHAI CO., LTD.

BLOCK B2, GUANGMING INDUSTRIAL ZONE, NO.509 SHENGANG ROAD, XINGIAO TOWN,
SONGJIANG SHANGHAI, CHINA. 201612

Has complied with the requirements of

GB/T 19001-2008 idt ISO 9001:2008

This certificate is valid for the following scope:

**PRODUCTION AND RELATED MANAGEMENT ACTIVITIS OF
ELECTRONIC TRANSFORMER, INDUCTOR AND
INDUCTANCE COIL**

Effective Duration of Registration: 25/10/2011-24/10/2014

Shanghai Certification Center of Quality Technology

(Address: No.627, Yongjia Road, Shanghai, China 200031)

Signed by: 江林

Initial Certification: 20/10/2008

Date of Issue: 25/10/2011



MANAGEMENT SYSTEM
CNAS C042-Q

- 质量管理体系认证证书
- Quality Management System Certification



- 质量管理体系认证证书
- Quality Management System Certification

CERTIFICATION ON QUALITY



CERTIFICATE OF REGISTRATION

Certificate No.: 117 13 E1 0055 R0M

This is to certify the environmental management systems of

Ningbo Jinyu Electronics Co., Ltd.

Registered Address Dongya Village, Quai Town, Yinzhou District, Ningbo City, Zhejiang Province, China

Auditing Address No.A-57 Dongya Road, Dongya Village, Quai Town, Yinzhou District, Ningbo City, Zhejiang Province, China

has been assessed and registered as meeting the requirements of GB/T24001-2004/ISO14001:2004

Scope of approval

The Related Environmental Management Activities of Production and Service of Wiring Harness, Inductor and Electronic Transformer (Except Products Refer to the Production License) for Ningbo Jinyu Electronics Co., Ltd. Located in No.A-57 Dongya Road, Dongya Village, Quai Town, Yinzhou District, Ningbo City, Zhejiang Province, China

Signed by:



Approval Date: 24 Jan. 2013

Expiry Date: 23 Jan. 2016

Shanghai Ingeer Certification Assessment Services Co., Ltd.
Certification and Accreditation Administration of P.R.C. (CNCA-R-2003-11)
China National Accreditation Service for Conformity Assessment (CNAS C1174)
Tel: +86 21-51114780
Fax: +86 21-54253541
Web: www.icasiso.com
Add: Room 801 HuaDing Mansion, 22688 West Zhongshan Rd., Xuhui District, Shanghai, China, 200235

ISO14001		Management System GB19001A
First Surveillance Audit	Second Surveillance Audit	Third Surveillance Audit

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- 环境管理体系认证证书
- Environmental Management System Certification



OBJY2.E348075
Systems, Electrical Insulation - Component

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Systems, Electrical Insulation - Component

[See General Information for Systems, Electrical Insulation - Component](#)

NINGBO JINYU ELECTRONICS CO LTD
A-57 DONGYA RD
DONGYA VILLAGE
QUAI TOWN, YINZHOU DISTRICT
NINGBO, ZHEJIANG 315101 CHINA

E348075

Class 130 (B) electrical insulation systems, designated JINYU 130-TM

Class 155 (F) electrical insulation systems, designated JINYU 155-TM

Marking: Company name and system designation.

[Last Updated](#) on 2011-07-28

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● UL Insulation System Certificate

CERTIFICATION ON QUALITY

 **ONLINE CERTIFICATIONS DIRECTORY**

OBJY2.E339150
Systems, Electrical Insulation - Component

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Systems, Electrical Insulation - Component

[See General Information for Systems, Electrical Insulation - Component](#)

OCL ELECTRONIC SHANGHAI CO LTD E339150
 BLK B2, GUANGMING INDUSTRIAL ZONE
 NO. 509 SHENGANG ROAD, XINQIAO TOWN
 SONGJIANG DISTRICT
 201612 SHANGHAI, CHINA

Class 130 (B) electrical insulation systems, designated SHOCL 130-TM

Class 155 (F) electrical insulation systems, designated SHOCL 155-A, SHOCL 155-M, SHOCL 155-TM

Class 180 (H) electrical insulation systems, designated SHOCL 180-M, SHOCL 180-T, SHOCL 180-TM

Class 200 (N) electrical insulation systems, designated SHOCL 200-TM

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[Last Updated](#) on 2010-09-08

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- UL Insulation System Certificate

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Xinqiao Town, Songjiang District

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leon@shocl.com

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Yinzhou District, Ningbo City

Zhejiang Province, China 315101

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