

THT Power Transformer

EE Series – Vertical

 FEATURES

- High power density and high efficiency
- Multiple-output is available
- Operating frequency up to 500kHz
- Power up to 3kW
- Custom designs available


 APPLICATIONS

- Solar inverter, Server, Amplifier
- Network, POE, Router
- Elevator emergency power supply
- Electric vehicle charging pile
- Medical instrument power supply
- Variable-frequency drive
- Industrial power supply
- High end LED power supply
- High end charger and USB
- Smart home electronics
- Electrical power equipment
- Test instrument

 SPECIFICATIONS

Size	Fig.	A (Max.)	B (Max.)	C (Max.)	D (Nom.)	E (Nom.)	F (Nom.)	Pins (Optional)	fsw (kHz)	Power (W) ²
EE8.3	1	10.0	10.0	10.0	2.5	6.0	Φ0.5	3+3	100	3-5
EE10	2	12.0	12.0	13.0	2.5	8.0	Φ0.5	4+4	100	5-10
EE13	3	14.0	14.0	13.0	2.5	8.5	Φ0.6	5+5	100	10-15
EE16	3	19.0	15.0	18.0	3.2	10.5	Φ0.6	5+5	100	15-20
EE19	3	24.0	18.0	19.0	3.8	12.6	Φ0.7	5+5	100	20-30
EE25	3	30.0	30.0	24.0	5.0	15.2	Φ0.8	5+5	100	30-50
EE30	4	33.0	32.0	24.0	5.0	20.0	Φ0.8	6+6	100	50-100
EE40	4	43.0	30.0	36.0	5.0	22.5	Φ0.8	6+6	100	150-300
EE42	5	47.0	36.0	51.0	5.0	27.5	Φ1.0	9+9	100	300-500

1. Operating Temperature: -40°C~+125°C(Includes temperature when the coil is heated).

2. Output power is only for reference at switching frequency 100kHz.

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MECHANICAL

Fig.1

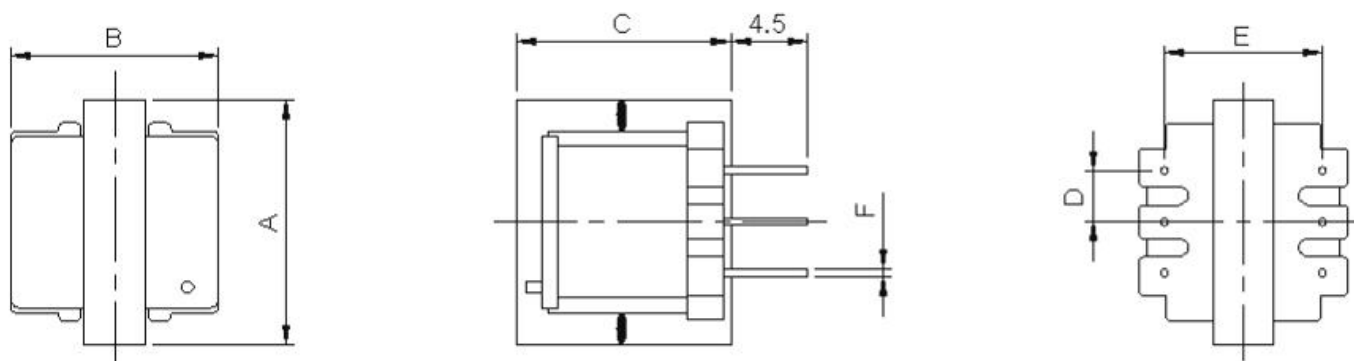


Fig.2

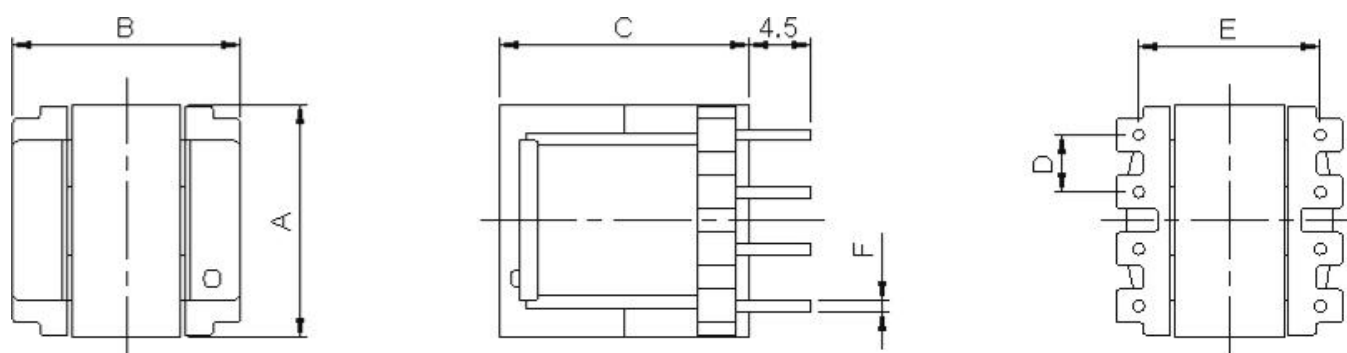
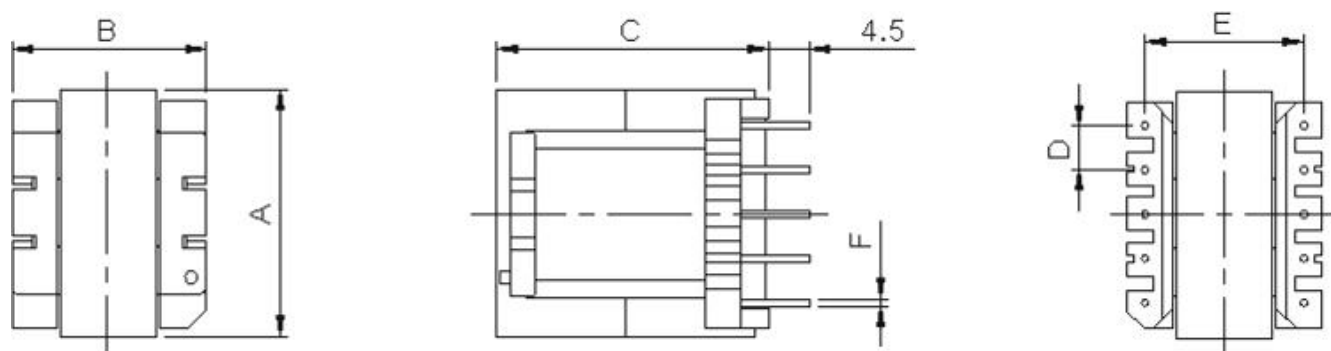


Fig.3



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MECHANICAL

Fig.4

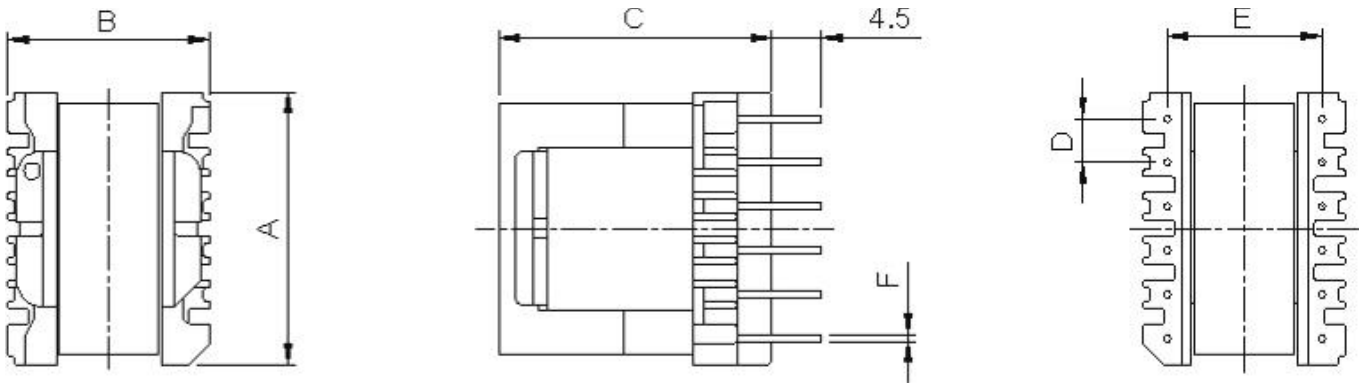


Fig.5

