

THT Power Transformer

EE Series – Horizontal

FEATURES

- High power density and high efficiency
- Multiple-output is available
- Operating frequency up to 500kHz
- Power up to 10kW
- High power series EE55, EE65, EE70
- 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
EEH8.3	1	10.0	10.0	7.5	2.5	6.0	Φ0.5	3+3	100	3
EEH10	2	12.0	14.0	12.0	2.5	10.5	Φ0.5	4+4	100	3-5
EEH13	3	16.0	16.0	15.0	2.54	10.2	Φ0.5	5+5	100	5-10
EEH16	2	18.0	16.0	17.0	3.0	11.0	Φ0.6	4+4	100	15-20
EEH19	4	23.0	19.0	18.0	5.0	13.2	Φ0.7	4+4	100	20-30
EEH25	5	28.0	28.0	24.0	5.0	15.1	Φ0.8	5+5	100	30-50
EEH30	6	34.0	38.0	23.0	5.0	25.0	Φ0.8	6+6	100	50-100
EEH40	7	43.0	36.0	31.0	5.0	25.8	Φ0.8	7+7	100	200-500
EEH55	8	57.0	61.0	53.0	5.0	45.0	Φ1.0	10+10	100	1000-3000
EEH65	9	69.0	67.0	61.0	5.0	45.5	Φ1.0	10+10	100	3000-5000
EEH70	10	77.0	70.0	70.0	5.0	50.0	Φ1.2	9+9	100	5000-8000

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

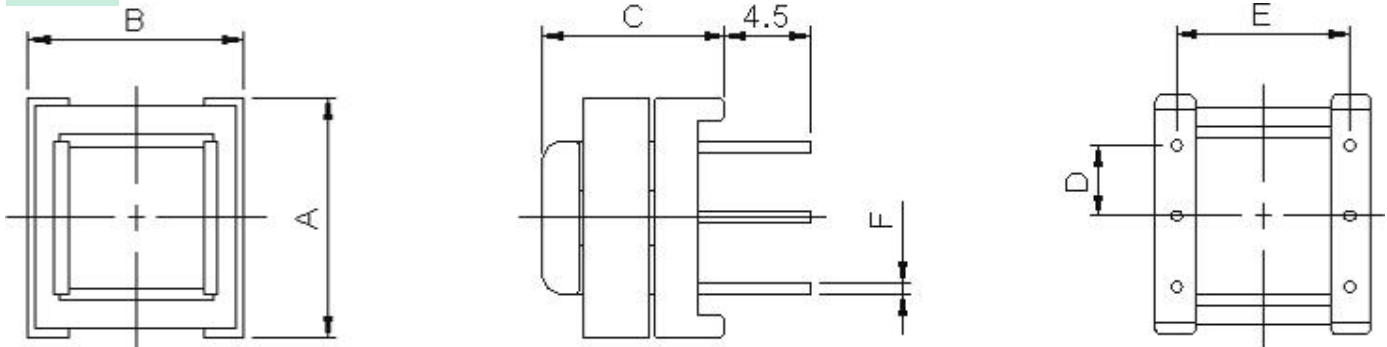


Fig.2

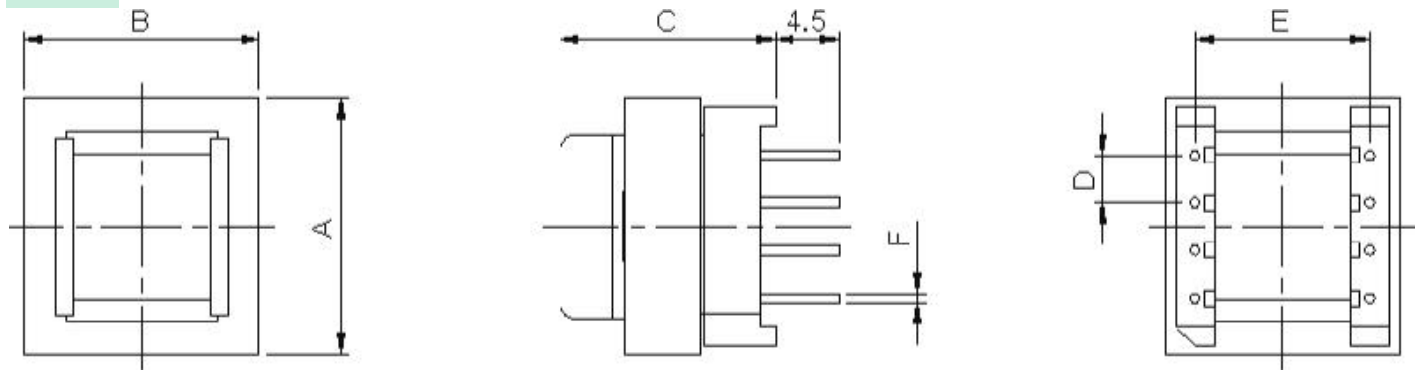


Fig.3

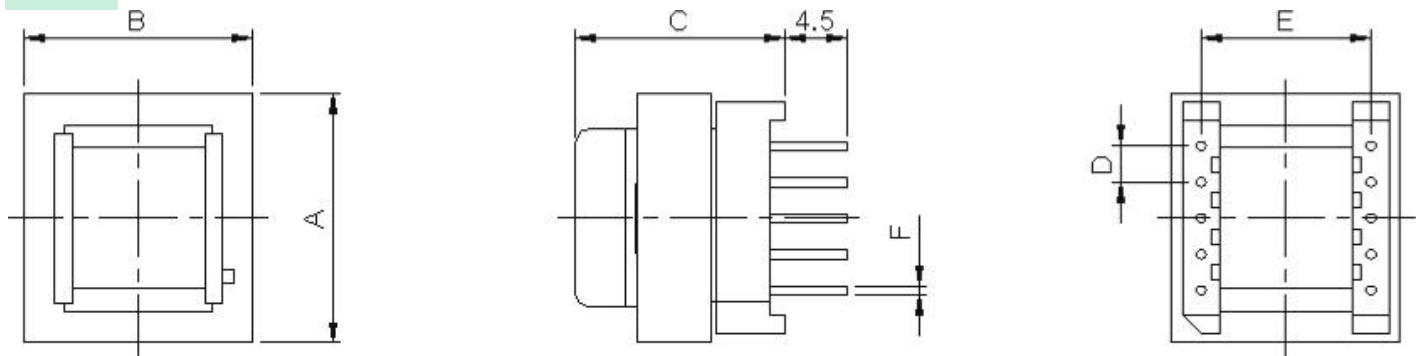
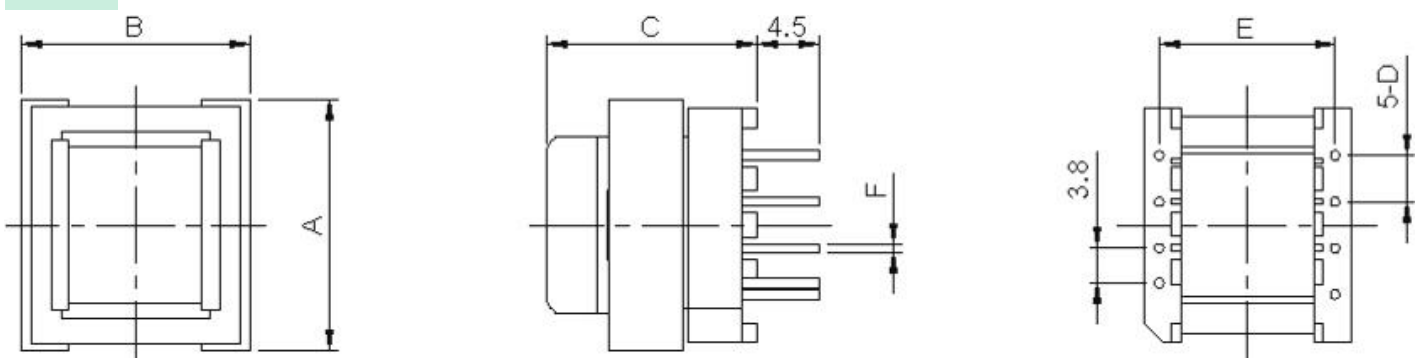


Fig.4



THT Power Transformer

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MECHANICAL

Fig.5

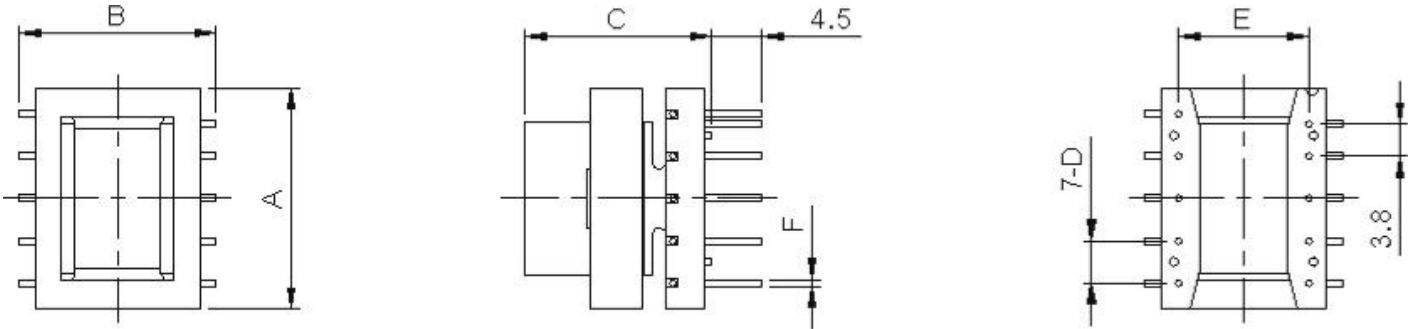


Fig.6

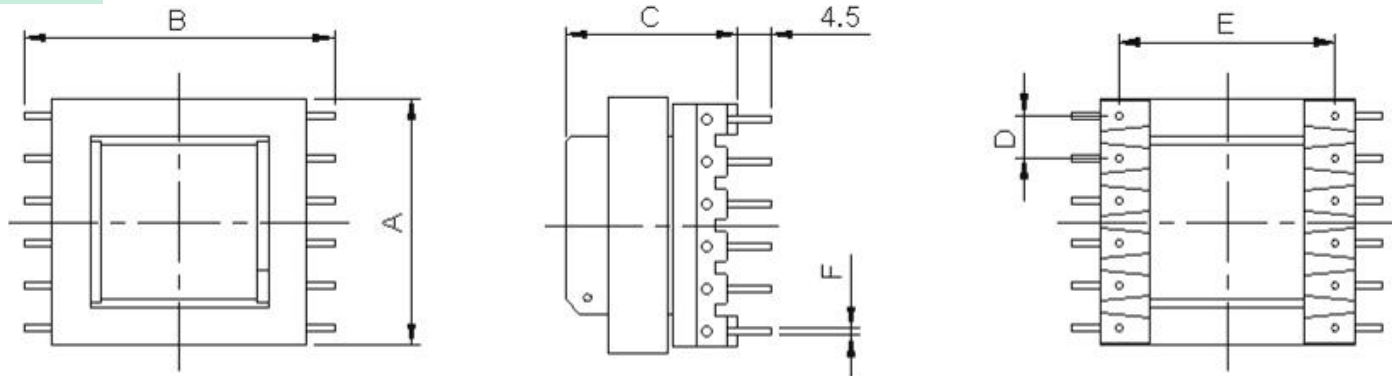


Fig.7

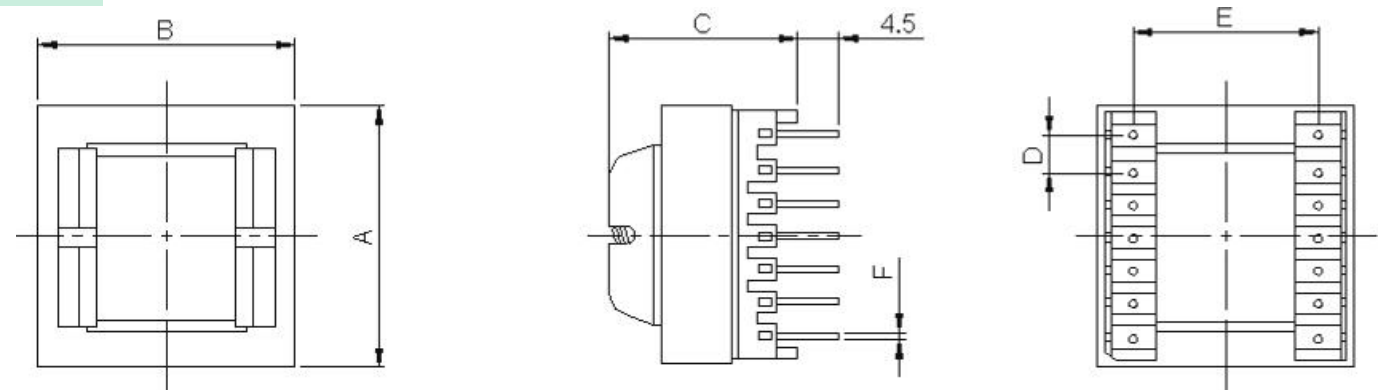
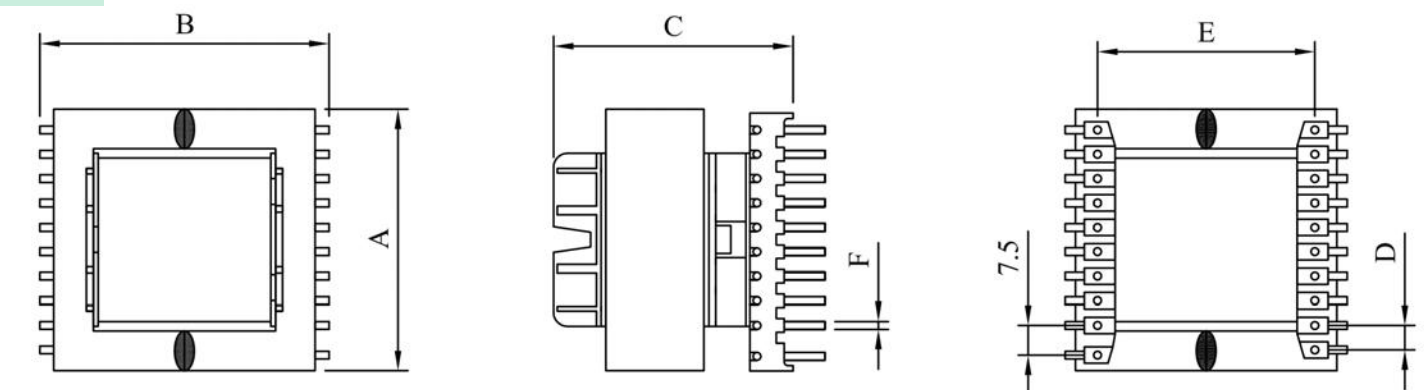


Fig.8



Power Transformer

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MECHANICAL

Fig.9

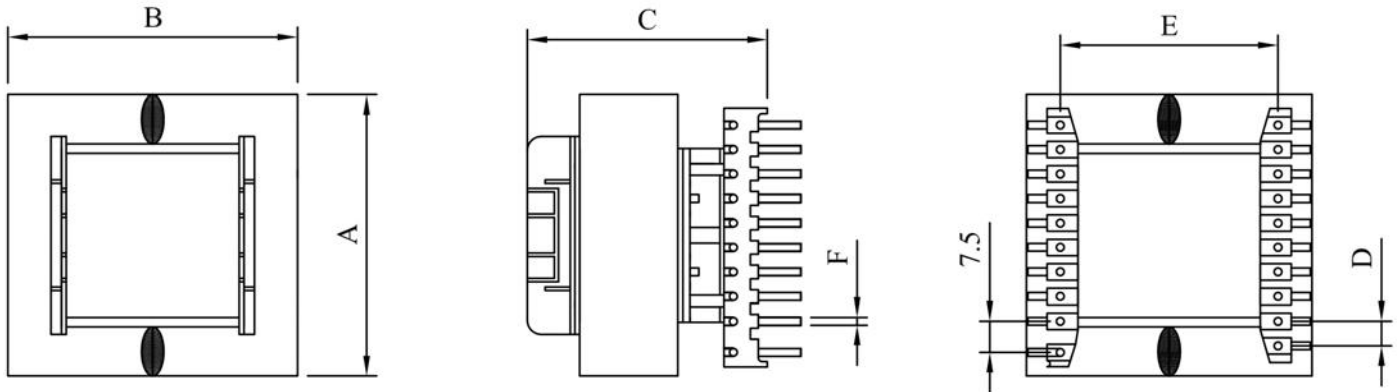


Fig.10

