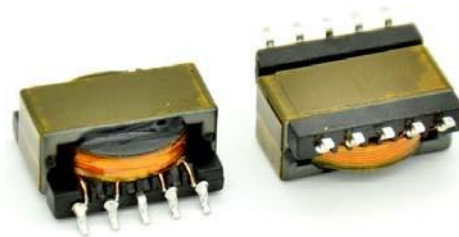


SMT Power Transformer

ER Series

 FEATURES

- High power density and high efficiency
- Multiple-output is available
- Low height solution
- Operating frequency up to 500kHz
- Custom designs available


 APPLICATIONS

- Network, POE, Router
- Solar inverter, Server, Amplifier
- Medical instrument power supply
- Variable-frequency drive
- Industrial power supply
- 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
SER7.5	1	11.0	8.5	6.0	1.75	7.8	0.6x0.25	4+4	100	1-3
SER9.5	1	12.5	10.5	6.5	2.0	10.1	0.7x0.25	4+4	100	3-5
SER11.5	2	13.2	11.5	6.8	2.0	11.0	0.7x0.25	4+4	100	5-8
	3	14.1	11.5	6.8	2.0	11.0	0.7x0.25	5+5	100	
SER14.5	4	17.8	15.8	7.8	2.5	14.6	0.7x0.30	5+5	100	8-15

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

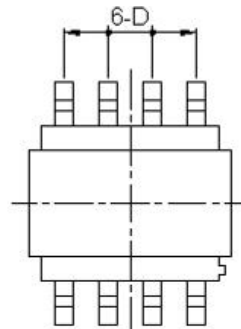
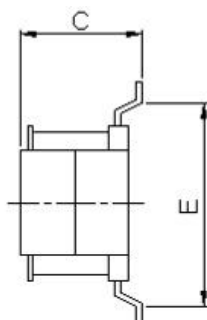
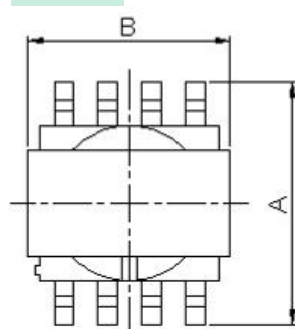
2. Output power is only for reference at switching frequency 100kHz.

SMT Power Transformer

ER Series

MECHANICAL

Fig.1



Recommended land pattern

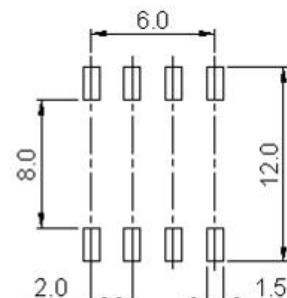
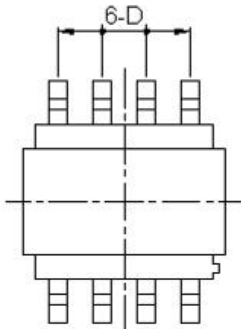
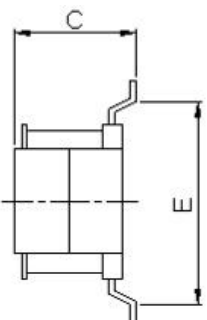
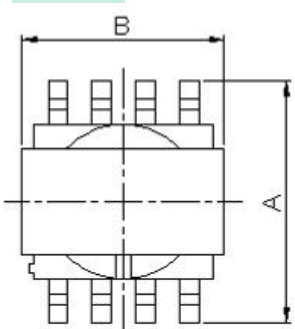


Fig.2



Recommended land pattern

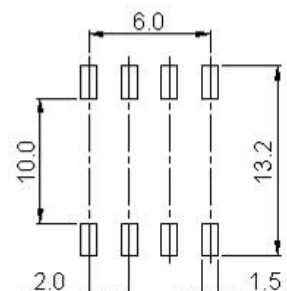
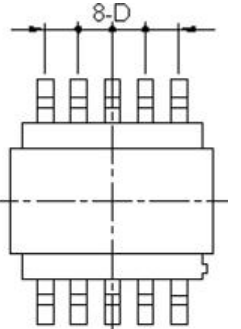
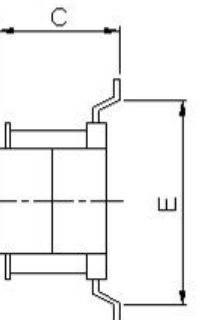
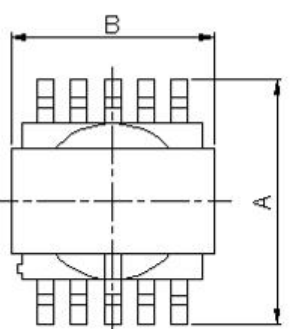


Fig.3



Recommended land pattern

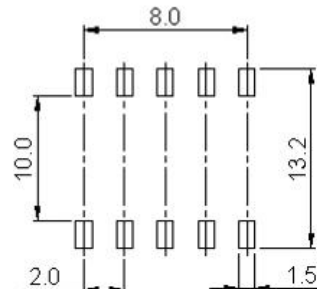
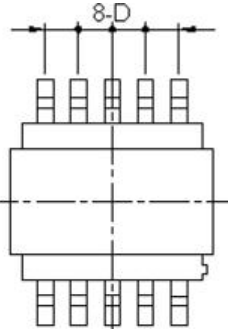
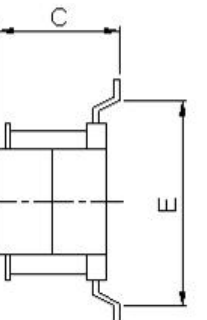
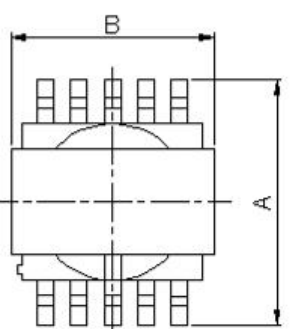


Fig.4



Recommended land pattern

