

SMD POWER TRANSFORMERS

EP Platforms



Features

- High power density and high efficiency
- Low leakage inductance and low loss
- Multiple-output is available
- Operating frequency up to 500kHz
- Custom designs available



Application

- Transformer for PoE, DVC, DSC, OA, Adaptor, TV, Automotive, DVD, Blue-ray Recorder

Specifications

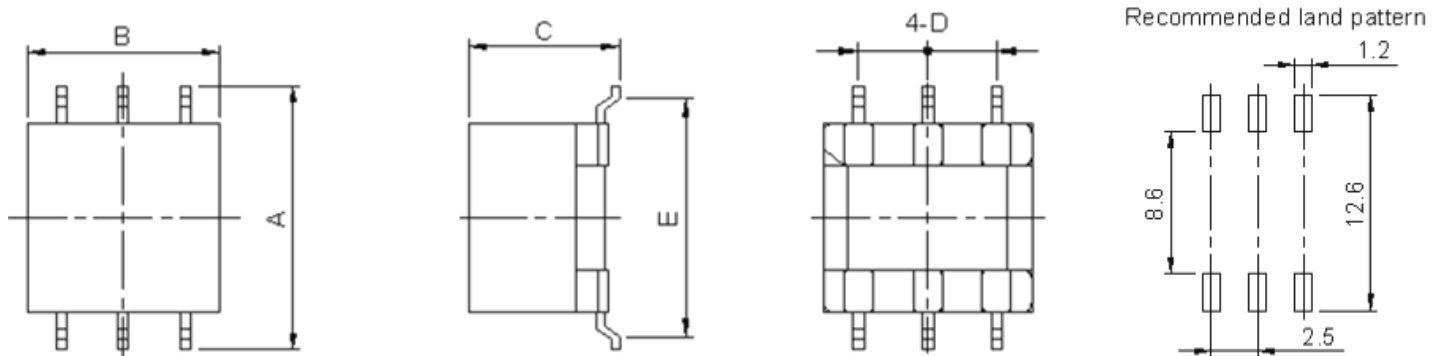
Size	Fig.	A (Max.)	B (Max.)	C (Max.)	D (Nom.)	E (Nom.)	F (Nom.)	Pins (Optional)	fsw (kHz)	Output Power (W) ²
SEP7	1	14.0	11.0	9.5	2.5	10.6	-	0.7x0.25	3x3	5
	2	15.5	11.0	10.0	3.0	10.7	7.6	0.6x0.3	3x3	
	3	11.0	12.0	12.0	2.0	8.6	6.1	0.7x0.3	4x4	
SEP10	4	15.3	13.5	12.5	2.5	12.5	-	0.6x0.3	4x4	10
	5	18.0	13.5	13.0	2.5	13.2	9.6	0.7x0.4	4x4	
SEP13	6	18.5	14.5	13.0	2.5	15.4	-	0.7x0.4	5x5	15
	7	20.0	15.0	13.0	2.5	15.5	11.8	0.7x0.4	5x5	
	8	17.8	15.0	13.0	1.7	14.7	-	0.6x0.4	8x4	

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

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

Mechanical

Fig. 1



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Fig. 2

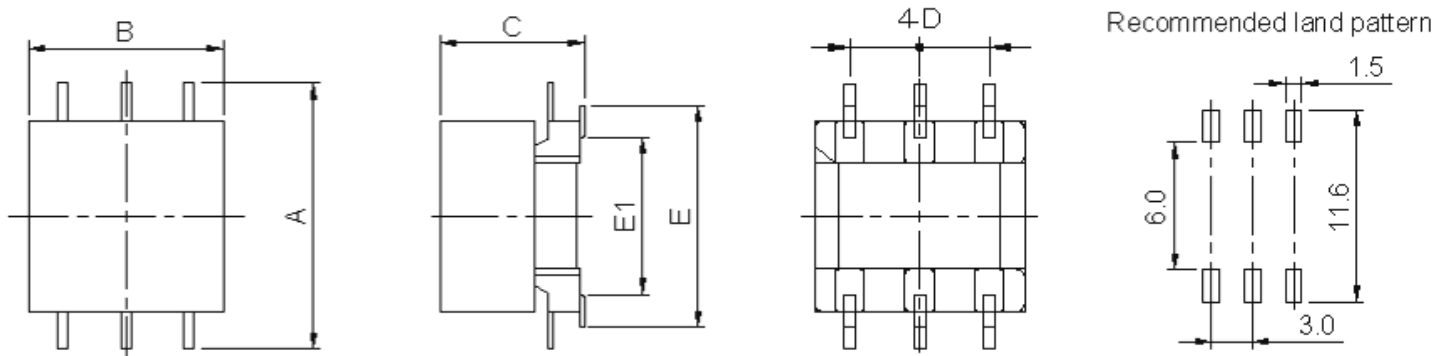


Fig. 3

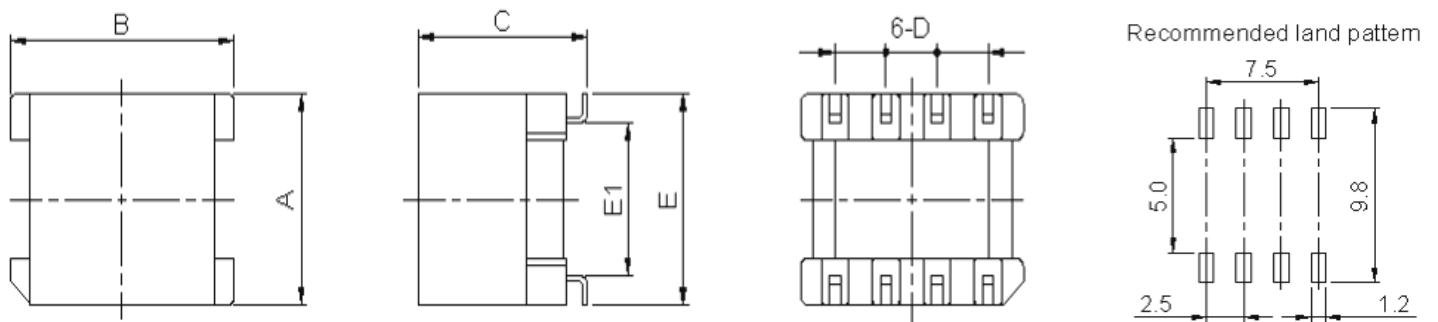
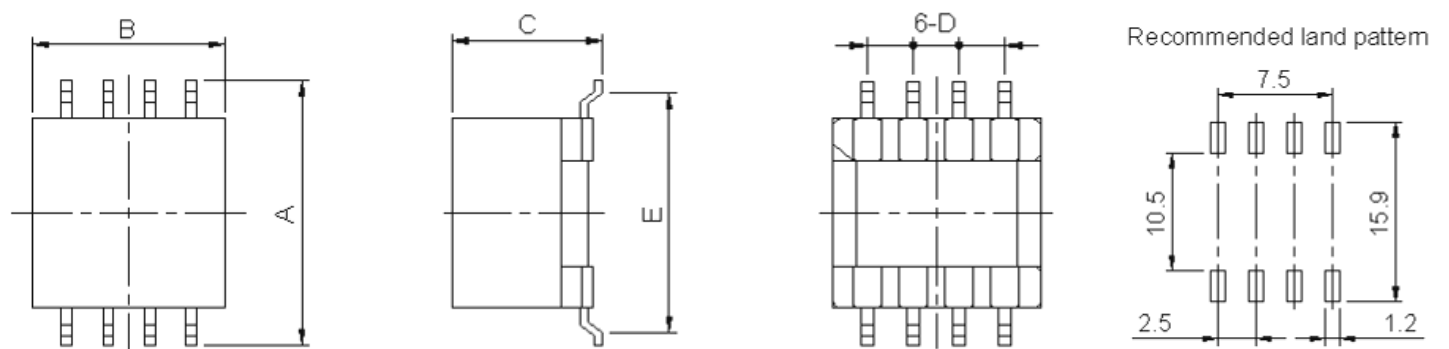


Fig. 4



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Fig. 5

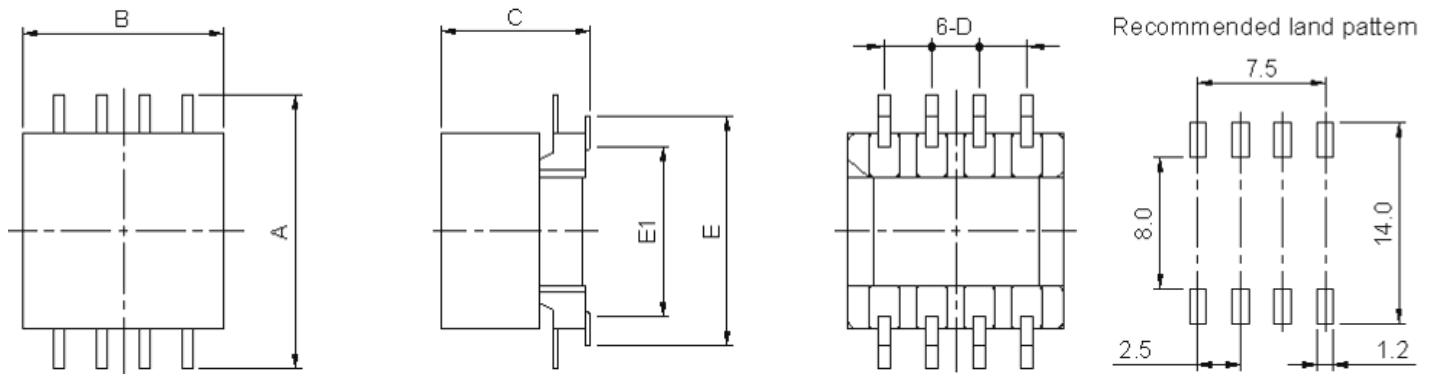


Fig. 6

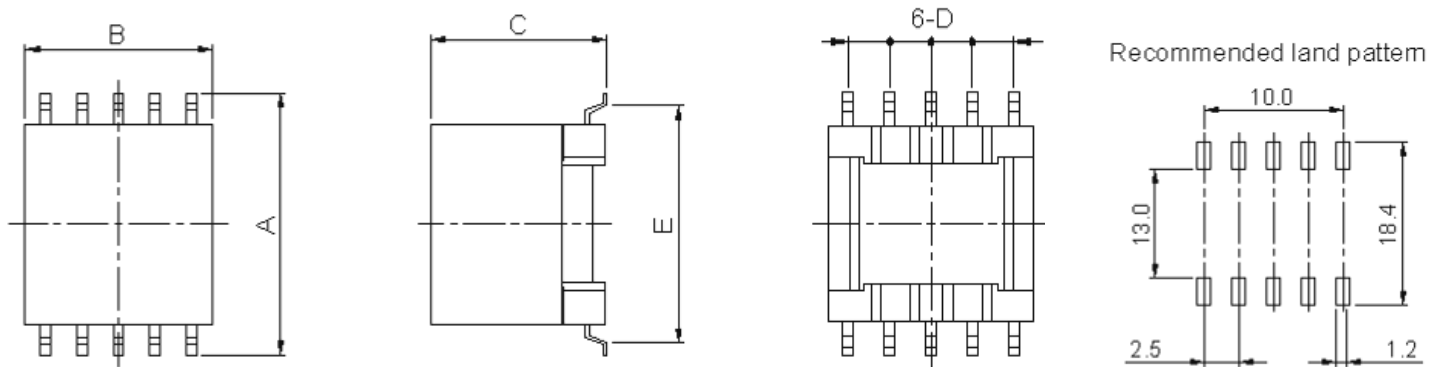
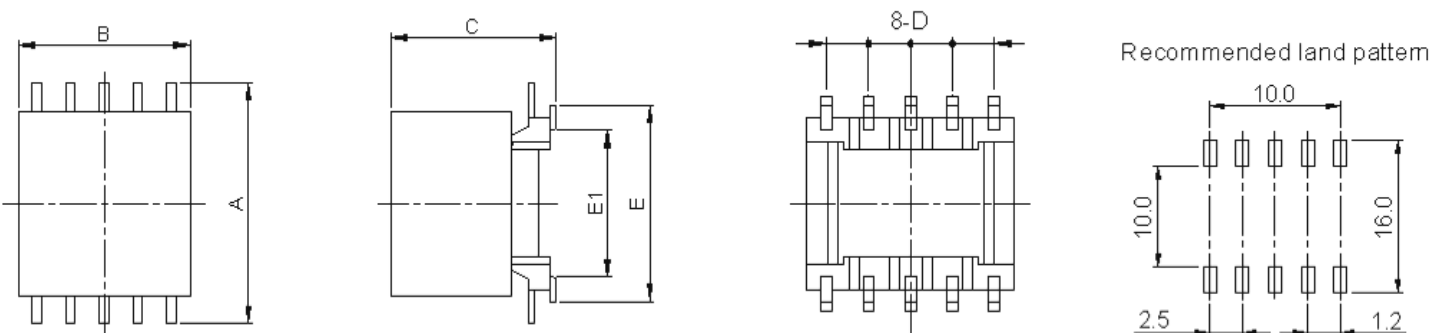


Fig. 7



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Fig. 8

