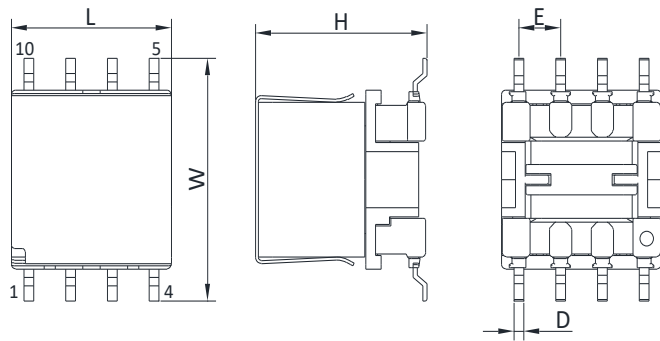


### Product Outline

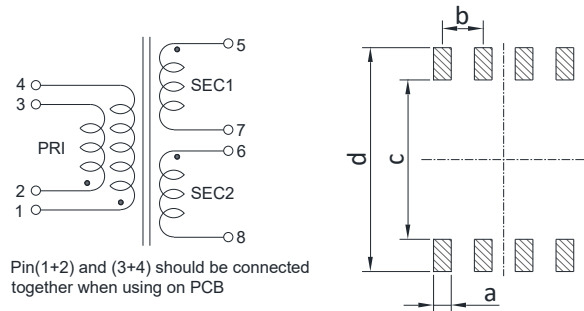
- High reliability DC/DC converter transformer.
- Ideally used in Electric compressor for Car Air-conditioner, Converter on ECU, BMS, LED head light driving, IGBT and other electronic devices.
- Operating temperature range(Including self temperature rise):-40°C to +125°C.
- Custom design is also available.
- RoHS Compliant



### Dimensions



### Schematics Recommended Land Patterns



Unit: mm

Type	L	W	H	D	E	a	b	c	d	Packaging (pcs/reel)
TEP1012	11.5±0.5	16.0±0.5	13.0 Max.	0.7	3.0	1.3	3.0	12.1	17.0	200

Dimensions without tolerance are typical.

### Electrical Characteristics(at 25°C)

Part Number	Inductance(uH) 100kHz/0.1V	LK(uH) 100kHz/0.1V	Turns Ratio	Hi-Pot 50/60Hz,0.5mA,60S	
	PRI	PRI (Short others)	PRI:SEC1:SEC2	PRI-SEC	COIL-CORE
TEP1012-A001	400±45%	9.5 Max.	1:1.278:0.610	AC 4000V	AC 2000V