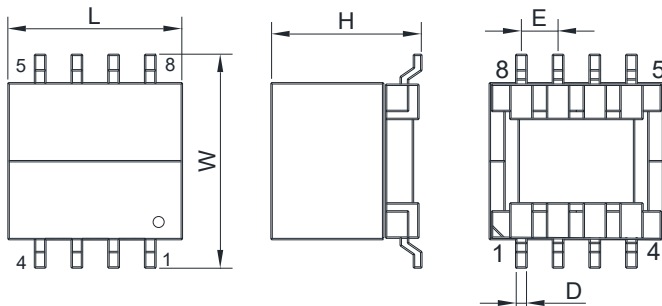


### Product Outline

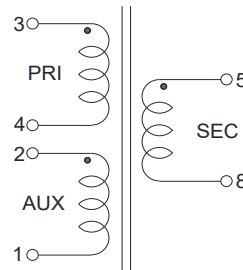
- High reliability DC/DC converter transformer.
- Ideally used in Electric compressor for Car Air-conditioner, Converter on ECU, BMS, LED head light driving, IGBT and other electronic devices.
- Operating temperature range(Including self temperature rise):-40°C to +125°C.
- Custom design is also available.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



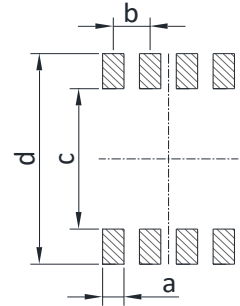
### Dimensions



### Schematics



### Recommended Land Patterns



Unit: mm

Type	L	W	H	D	E	a	b	c	d	Packaging (pcs/reel)
TEP1011	12.5 Max.	15.5 Max.	11.5 Max.	0.6	2.5	1.4	2.5	10.5	15.5	200

Dimensions without tolerance are typical.

### Electrical Characteristics(at 25°C)

Part Number	Inductance(uH) 100kHz,0.1V	Inductance(uH) 100kHz,0.1V,2.8A	LK(uH) 100kHz,0.1V	DCR (mΩ)	Turns Ratio	Hi-Pot 50/60Hz,1mA,1S		S.R.F (MHz)
	PRI	PRI	PRI (Short others)	PRI	PRI:SEC:AUX	PRI,AUX-SEC	COIL-CORE	PRI
TEP1011-A001	17±10%	13.6 Min.	0.4 Max.	216 Max.	1:2:0.6667	AC 1500V	AC 1500V	1.5 Min.