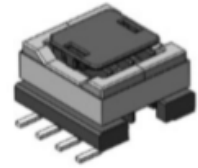
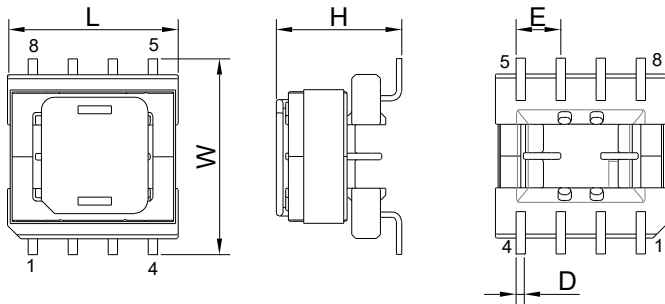


Product Outline

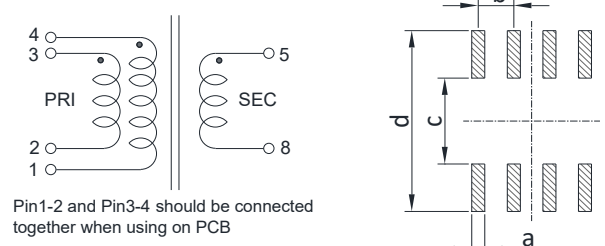
- High reliability DC/DC converter transformers.
- Ideally used in Electric compressor for Car Air-conditioner, Converter on ECU, BMS, LED head light driving, IGBT and other electronic devices.
- Operating temperature range(Including self temperature rise):-40°C to +125°C.
- Custom design is also available.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



Dimensions



Schematics Recommended Land Patterns



Unit: mm

Type	L	W	H	D	E	a	b	c	d	Packaging (pcs/reel)
TEFD1209	13.3 Max.	15.5 Max.	10.0 Max.	0.7	3.0	1.1	3.0	7.6	16.0	250

Dimensions without tolerance are typical.

Electrical Characteristics(at 25°C)

Part Number	Inductance(uH) 100kHz,1V	LK(uH) 100kHz,1V	DCR(mΩ)	Turn Ratio	Hi-Pot 50/60Hz,1mA,60S	
	PRI	PRI(Short others)	PRI	PRI:SEC	PRI-SEC	COIL-CORE
TEFD1209-A001	8.5±20%	0.12 Max.	280 Max.	1:3.49	AC 2500V	AC 1200V