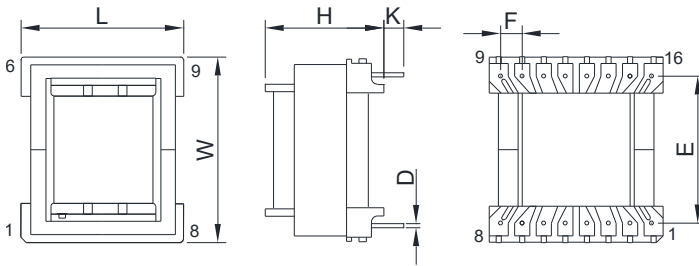


Product Outline

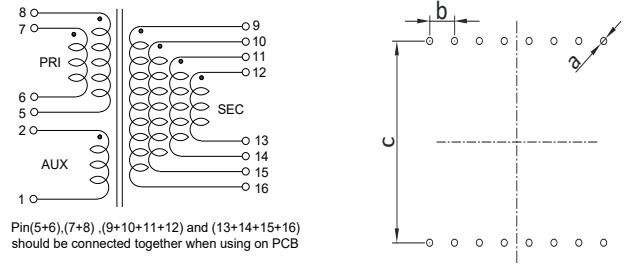
- High reliability DC/DC converter transformer.
- Ideally used in Electric compressor for Car Air-conditioner, Converter on ECU, BMS, LED head light driving, IGBT and other electronic devices.
- Operating temperature range(Including self temperature rise):-40°C to +125°C.
- Custom design is also available.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



Dimensions



Schematics Recommended Land Patterns



Unit: mm

Type	L	W	H	D	E	F	K	a	b	c	Packaging (pcs/box)
DERH3530	40.6 Max.	47.2 Max.	29.5 Max.	∅1.0	35.0	5.0	4.0	∅1.5	5.0	35.0	50

Dimensions without tolerance are typical.

Electrical Characteristics(at 25°C)

Part Number	Inductance(uH) 100kHz,1V	LK(uH) 100kHz,1V	DCR (mΩ)	Turns Ratio	Hi-Pot 50/60Hz, 1mA,1S		Rated current
	PRI	PRI(Short others)	PRI	PRI:SEC:AUX	PRI,AUX-SEC	COIL-CORE	PRI
DERH3530-A001	350±10%	8.0 Max.	250 Max.	3:1:0.5	AC 3000V	AC 1500V	5A