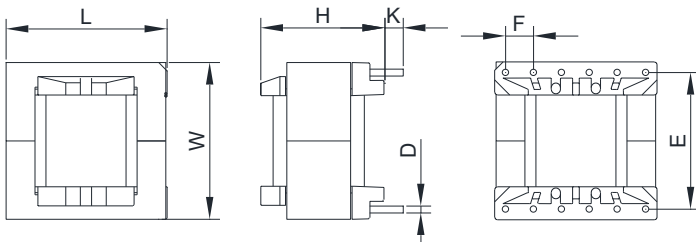


## Product Outline

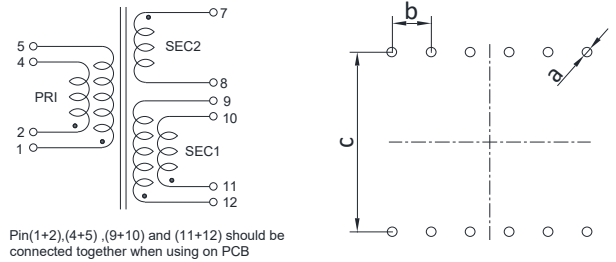
- High reliability DC/DC converter transformer.
- Ideally used in Electric compressor for Car Air-conditioner, Converter on ECU, BMS, LED head light driving, IGBT and other electronic devices.
- Operating temperature range(Including self temperature rise):-40°C to +125°C.
- Custom design is also available.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



## Dimensions



## Schematics Recommended Land Patterns



Unit: mm

Type	L	W	H	D	E	F	K	a	b	c	Packaging (pcs/box)
DERH2822	30.0 Max.	29.5 Max.	22.5 Max.	∅0.8	24.0	5.0	3.5	∅1.3	5.0	24.0	50

Dimensions without tolerance are typical.

## Electrical Characteristics(at 25°C)

Part Number	Inductance(uH) 1kHz,1V	Turns Ratio	Hi-Pot 50/60Hz,1mA,60S	
	PRI	PRI:SEC1:SEC2	PRI-SEC1,SEC2	COIL-CORE
DERH2822-A001	42±15%	1:1.637:1.091	AC 3000V	AC 1500V