

DC-DC Converter Transformer

CEER117



Outline

- Available for automotive application (For High-reliability)
- Size: 11.9mm x 13.4mm x H 8.4mm (all Max.)
- Custom design is available.
- RoHS Compliance
- Topology: Flyback converter
- Applications: High-reliability DC/DC converter transformer for automotive, IGBT drive insulated transformer for EV air conditioners, Insulated transformer for battery monitoring units, medical and industrial equipment.



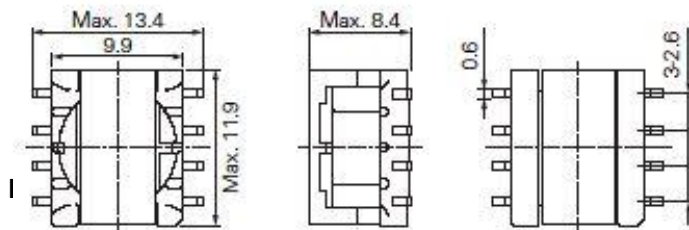
Electrical characteristic

- Max. Operating frequency 500 kHz
- Operating Power 2.0W (@ 100 kHz)
- Operating temperature range : - 40°C~+ 125°C (*including self-heating)
- Withstand Voltage: 2.5kVrms, 50/60Hz, 60sec.

【IC Reference】

Parts Number	Inductance (100kHz/1V)			LL (100KHz/1V)	IC Number
	(2-3)	(1-4)	(6-7)	(2-3)	
CEER117-AX05-13-048	59.0uH±25%	--	240uH±25%	1.8uH Max	ACPL-32JT (AVAGO)
CEER117-AX05-15-007	7.2uH±18%	13.8uH	120uH	0.1uH Typ.	BM60051, 60054, 60055(ROHM)

Dimensions (mm)



Land Patterns (mm)

