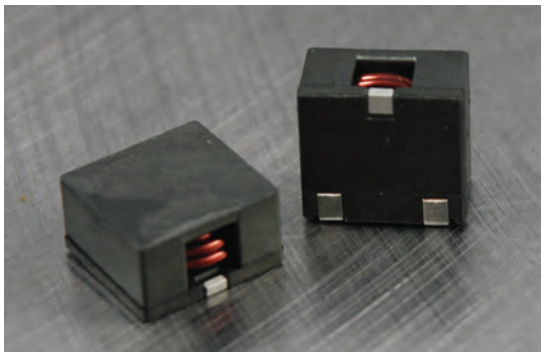
RoHS

SMD POWER INDUCTOR PCEC1708

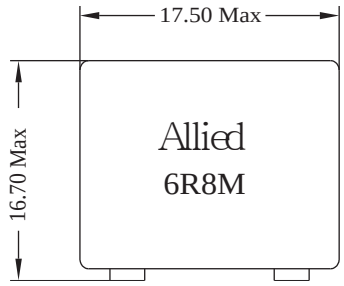


- Excellent for High Current Applications
- Low Profile
- Extra Solder Pad for superior mounting stability
- Other Inductance Values available please inquire
- Operating Temperature -40º to +130ºC

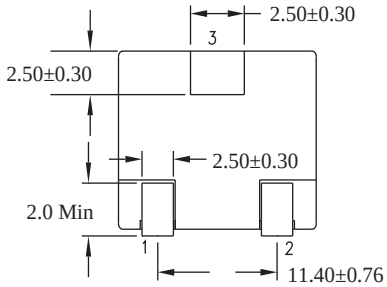
Electrical Specifications @25°C			
Part Number	Inductance @100 KHz,0.1V L0 (1 - 2)	Inductance @100 KHz,0.1V Lsat	DC Resistance R (1 - 2)
PCEC1708-4R5M	4.5uH ± 20%	70% of L0 @ Isat (20.0A Ref)	2.8mΩ Max
PCEC1708-6R8M	6.8uH ± 20%	70% of L0 @ Isat (18.0A Ref)	3.3mΩ Max

All specifications subject to change without notice.

Dimensions: mm

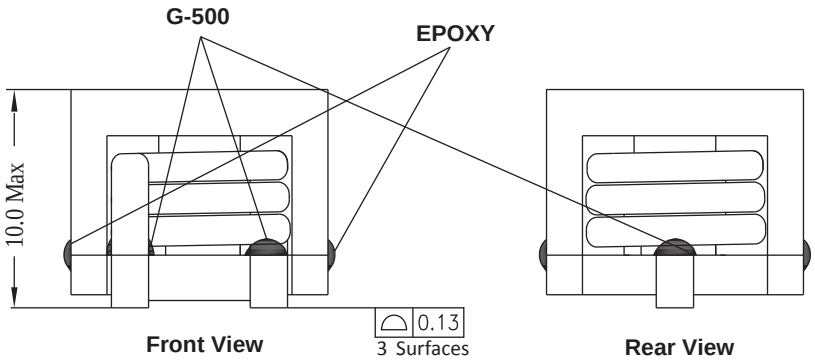


Top View



Bottom View

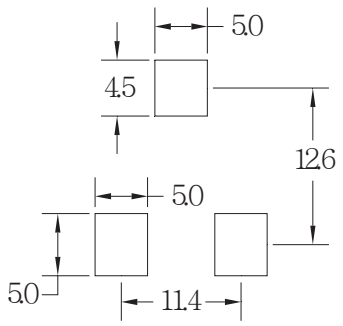
PIN3 IS FOR MECHANICAL SUPPORT ONLY WITH NO INTERNAL ELECTRICAL CONNECTION



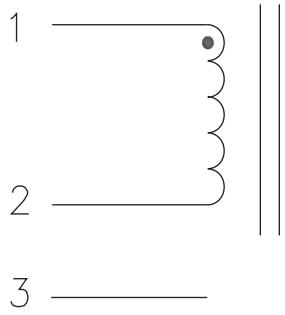
Front View

Rear View

Suggested Land Pattern

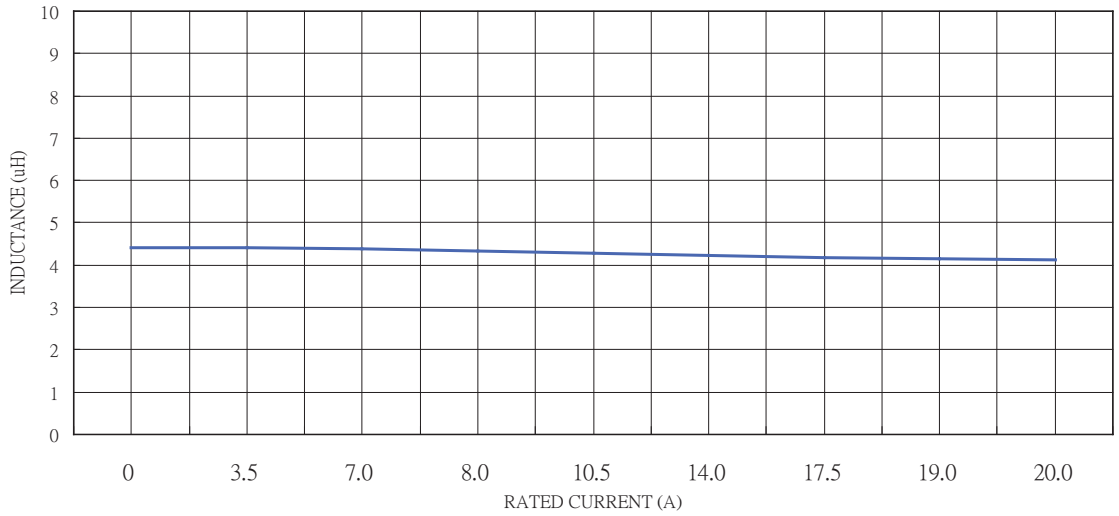


SCHEMATICS



INDUCTANCE VS CURRENT

PCEC1708-4R5M



PCEC1708-6R8M

