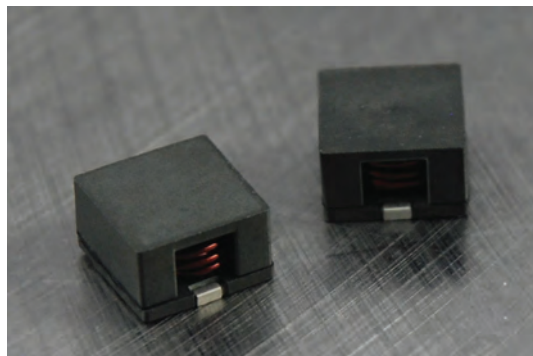




SMD POWER INDUCTOR

PCEC1308

- Ferrite Core construction
- Compact foot print
- For Frequencies up to 1MHZ
- Other values available
- Operating Temperature -40° to +130°C
- Isat: Current at which Inductance will drop by no more than 30% of initial inductance without current

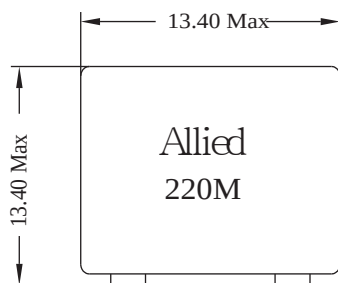


Electrical Specifications @25°C

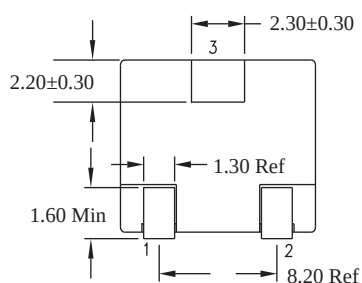
Part Number	Inductance @100 KHz, 0.1V 1.0A (1 - 2)	Isat	DC Resistance R (1 - 2)
PCEC1308-220M	22.0uH $\pm$ 20%	(7.5A)	21.0m Ω $\pm$ 12%
PCEC1308-470M	47.0uH $\pm$ 20%	(1.5A)	12.5m Ω $\pm$ 20%

All specifications subject to change without notice.

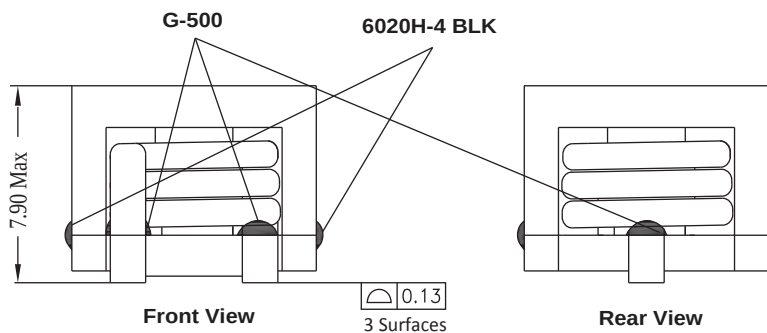
Dimensions: mm



Top View



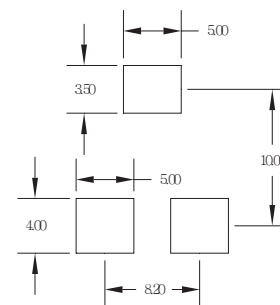
Bottom View



Front View

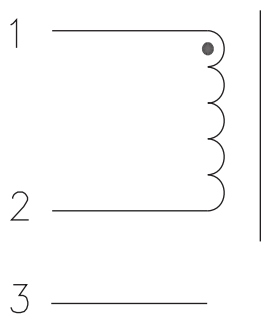
Rear View

Suggested Land Pattern





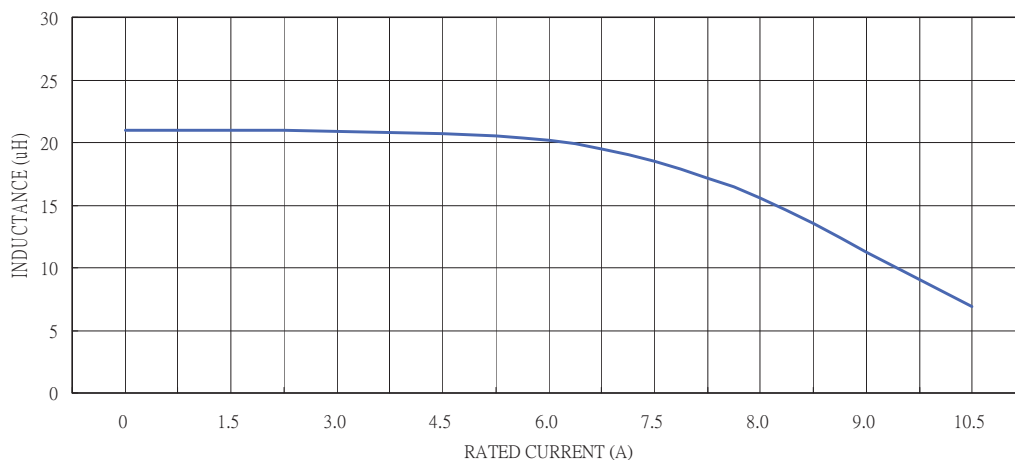
SCHEMATICS



PIN3 IS MECHANICAL SUPPORT
ONLY, HAS NO INTERNAL
ELECTRICAL CONNECTION

INDUCTANCE VS CURRENT

PCEC1308-220M-RC



PCEC1308-470M-RC

