

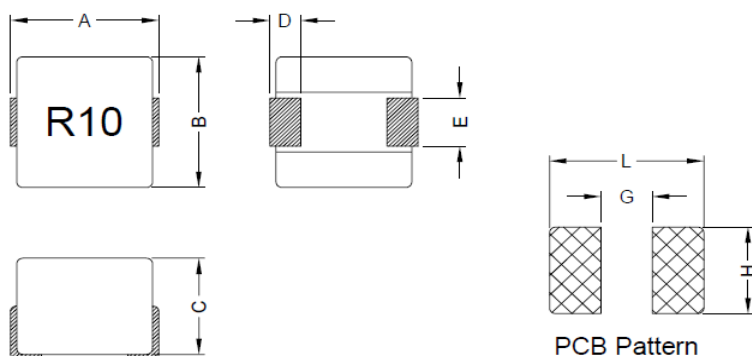
HIGH CURRENT POWER INDUCTORS

SERIE: SMPP1005 10,0 x 6,8 x 5,0 mm



DIMENSIONS:

VPE: 900pcs.



Unit:m/m

A	B	C	D	E	G	H	L
10.2 Max.	6.8 Max.	5.0 Max.	1.5±0.5	2.5±0.5	5.5 Max.	4.5 Max.	10.5 Max.

SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Operating temp.: - 55°C to + 125°C
- 2- Storage temp. : -55°C to +125°C
- 2- Irms (A): will cause coil. Temp. to rise approximately $\Delta T= 40^{\circ}C$ without core loss.
- 3- Isat (A) : will cause Lo to drop approximately 20%
- 4- Part temperature (ambient + temp. rise): Should not exceed 125°C under worst case operating conditions.

ELECTRICAL CHARACTERISTICS:

Part No.	Inductance " Lo " (uH)	Tolerance	Test Frequency (Hz)	DCR (mΩ) Max	Irms (A) Max.	Isat (A) Max.
SMPP1005 – R10	0,10	20%	0,25V / 1M	0,65	40	50
SMPP1005 - R15	0,15	20%	0,25V / 1M	0,65	40	42
SMPP1005 – R20	0,20	20%	0,25V / 1M	0,65	30	40

NOTE : Specifications subject to change without notice. Please check our website for latest information.