

# HIGH CURRENT POWER INDUCTORS

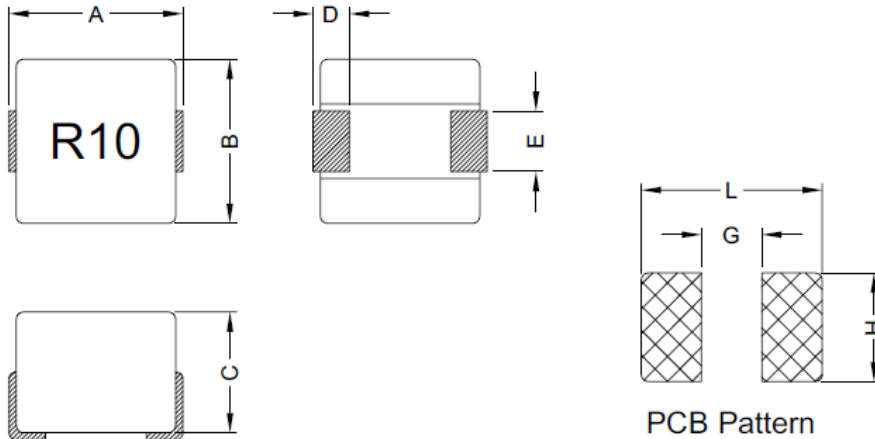
**SERIE:** SMPP0605 7,20 x 6,80 x 5,0 mm

## DIMENSIONS:

VPE: 900pcs.



RoHS Compliant



Unit:m/m

A	B	C	D	E	G	H	L
7.2 Max.	6.8 Max.	5.0 Max.	1.5±0.5	2.5±0.5	2.5 Max.	4.5 Max.	7.5 Max.

## SCHEMATIC:



## GENERAL SPECIFICATION :

- 1- Storage temp.: - 55°C to + 125°C
- 2- Operating temp.: - 55°C to + 125°C
- 3- Irms ( A ): will cause coil. Temp. to rise approximately  $\Delta T= 40^{\circ}C$  without core loss.
- 4- Isat ( A ) : will cause Lo to drop approximately 20%
- 5- 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.
<b>SMPP0603 - R10</b>	0,10	30%	0,25V / 1M	0,50	30	37
<b>SMPP0603 - R15</b>	0,15	30%	0,25V / 1M	0,50	24	30
<b>SMPP0603 - R20</b>	0,20	30%	0,25V / 1M	0,50	19	24

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