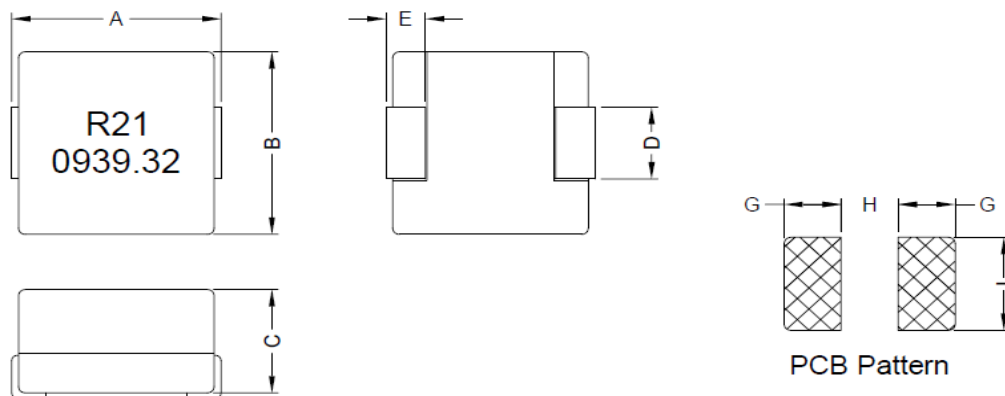


HIGH CURRENT POWER INDUCTORS

SERIE: SMPP1308 13,46 x 12,95 x 8,0 mm

DIMENSIONS:

VPE: 400pcs.



Unit:m/m

A	B	C	D	E	G	H	I
13.46 Max.	12.95 Max.	8.0 Max.	5.08±0.25	2.54±0.25	3.18±0.25	7.11±0.25	7.62±0.25

SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Operating temp.: - 40°C to + 125°C
- 2- I_{rms} (A): will cause coil. Temp. to rise approximately $\Delta T= 40^{\circ}C$ without core loss.
- 3- I_{sat} (A) : will cause L_o 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) ± 9,4%	I _{rms} (A) Max.	I _{sat} (A) Max.
SMPP1308 - R21 - R32	0,21	20%	0,25V /1M	0,32	45	71
SMPP1308 - R26 - R32	0,26	20%	0,25V /1M	0,32	45	60
SMPP1308 - R32 - R32	0,32	20%	0,25V /1M	0,32	41	50

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

HIGH CURRENT POWER INDUCTORS

SERIE: SMPP1308 13,46 x 12,95 x 8,0 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance "Lo" (uH)	Tolerance	Test Frequency (Hz)	DCR (mΩ) ± 9,4%	I _{rms} (A) Max.	I _{sat} (A) Max.
SMPP1308 - R44 - R32	0,44	20%	0,25V / 1M	0,32	30	35
SMPP1308 - R21 - R53	0,21	20%	0,25V / 1M	0,53	45	71
SMPP1308 - R26 - R53	0,26	20%	0,25V / 1M	0,53	45	60
SMPP1308 - R32 - R53	0,32	20%	0,25V / 1M	0,53	41	50
SMPP1308 - R44 - R53	0,44	20%	0,25V / 1M	0,53	30	35

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