HIGH CURRENT POWER INDUCTORS

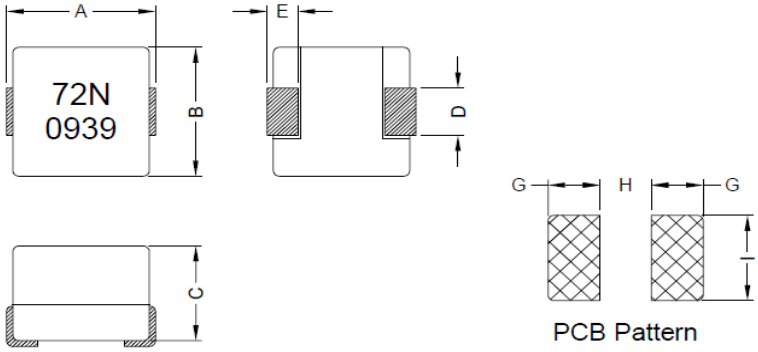
SERIE: SMPP0705 7,0 x 7,0 x 4,96 mm

COILS ■ ELEKTRONIK ■ TRANSFORMERS

DIMENSIONS:

VPE: 1000pcs.

RoHS Compliant

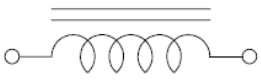


PCB Pattern

Unit:m/m

A	B	C	D	E	G	H	I
7.0 Max.	7.0 Max.	4.96 Max.	2.49±0.25	1.52±0.25	2.03±0.25	3.3±0.25	3.05±0.25

SCHEMATIC:



GENERAL SPECIFICATION :

1- Operating temp.: - 40°C to + 125°C
2- Irms (A): will cause coil. Temp. to rise approximately ΔT= 40°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.
SMPP0705 - 72N-R32	0,072	20%	0,25V / 1M	0,32	31	58
SMPP0705 - R10-R32	0,105	20%	0,25V / 1M	0,32	31	46
SMPP0705 - R15-R32	0,150	20%	0,25V /1M	0,32	24	30

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

C.E.T. Elektronik, Sibel Cetinkaya, Seligenstädter Str.39, 63322 Rödermark
e-mail sales1@cet-elektronik.de www.cet-elektronik.de
Tel.+49(0)6074-211536 Fax. +49(0)6074-211535 Mobile: 0178-2087457

HIGH CURRENT POWER INDUCTORS

SERIE: SMPP0705 7,0 x 7,0 x 4,96 mm

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ELECTRICAL CHARACTERISTICS:

Part No.	Inductance " Lo" (uH)	Tolerance	Test Frequency (Hz)	DCR (mΩ) Max	Irms (A) Max.	Isat (A) Max.
SMPP0705 - 72N-R46	0,072	20%	0,25V /1M	0,46	31	58
SMPP0705 - R10-R46	0,105	20%	0,25V /1M	0,46	31	46
SMPP0705 - R15-R46	0,150	20%	0,25V /1M	0,46	24	30

= R32 = 0,32 mΩ
= R46 = 0,46 mΩ

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

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e-mail sales1@cet-elektronik.de www.cet-elektronik.de
Tel.+49(0)6074-211536 Fax. +49(0)6074-211535 Mobile: 0178-2087457