

LOW cost power inductor

SERIE: NLC0705 7,8 x 7,0 x 5,0 mm

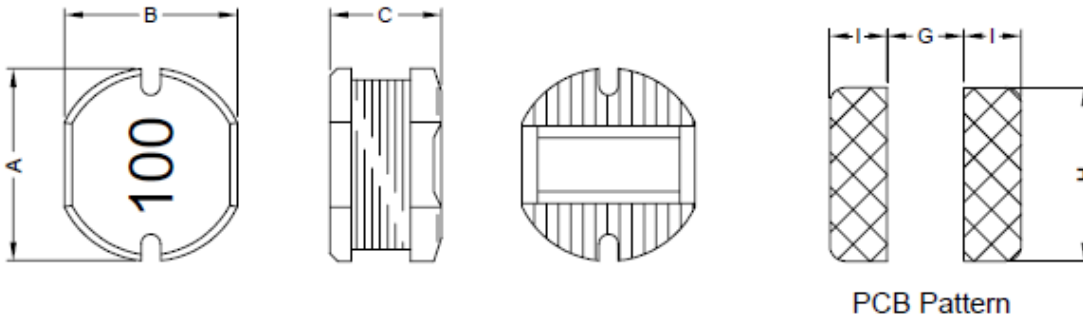
DIMENSIONS:

VPE: 1000pcs.

VPE: 500pcs.



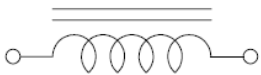
RoHS Compliant



Unit : mm

A	B	C	G	H	I
7.8±0.3	7.0±0.3	5.0±0.5	2.00 Ref.	7.50 Ref.	3.00 Ref.

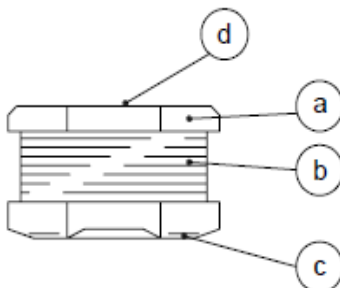
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. Rise : 40°C Max
- 2- Rated current: Base on temp. rise & $\Delta L/\Delta L_{0A} = 10\%$ Max
- 3- Storage temp.: -40 to + 125°C
- 4- Operating temp.: -40° to + 85°C
- 5- Resistance to solder heat: 260°C 10sec.

Materials :



- (a) Core : DRT Ferrite Core
- (b) Wire : Enamelled Copper Wire
- (c) Terminal : Ag+Cu+Ni+Sn
- (d) Ink : Bon Margue

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

LOW cost power inductor

SERIE: NLC0705 7,8 x 7,0 x 5,0 mm



COILS ■ ELEKTRONIK ■ TRANSFORMERS

ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μ H) $\pm 20\%$	Test Frequency (Hz.)	Rdc (Ω) Max.	IDC (A) Max.
NLC0705 – 100SWE	10	2,52M	0,07	2,30
NLC0705 - 120SWE	12	2,52M	0,08	2,00
NLC0705 - 150SWE	15	2,52M	0,09	1,80
NLC0705 - 180SWE	18	2,52M	0,10	1,60
NLC0705 - 220SWE	22	2,52M	0,11	1,50
NLC0705 - 270SWE	27	2,52M	0,12	1,30
NLC0705 - 330SWE	33	2,52M	0,13	1,20
NLC0705 - 390SWE	39	2,52M	0,16	1,10
NLC0705 - 470SWE	47	2,52M	0,18	1,10
NLC0705 - 560SWE	56	2,52M	0,24	0,94
NLC0705 - 680SWE	68	2,52M	0,28	0,85
NLC0705 - 820SWE	82	2,52M	0,37	0,78
NLC0705 - 101SWE	100	1V /1K	0,43	0,72
NLC0705 - 121SWE	120	1V /1K	0,47	0,66
NLC0705 - 151SWE	150	1V /1K	0,64	0,58
NLC0705 - 181SWE	180	1V /1K	0,71	0,51
NLC0705 - 221SWE	220	1V /1K	0,96	0,49
NLC0705 - 271SWE	270	1V /1K	1,11	0,42
NLC0705 - 331SWE	330	1V /1K	1,26	0,40
NLC0705 - 391SWE	390	1V /1K	1,77	0,36
NLC0705 - 471SWE	470	1V /1K	1,96	0,34

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