

LOW cost power inductor

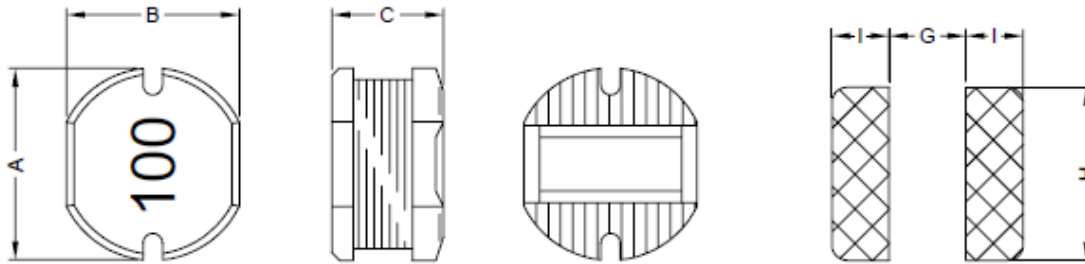
SERIE: NLC0703 7,8 x 7,0 x 3,5 mm

DIMENSIONS:

VPE: 1000pcs.



RoHS Compliant



PCB Pattern

Unit : mm

A	B	C	G	H	I
7.8±0.3	7.0±0.3	3.5±0.5	2.00 Ref.	7.50 Ref.	3.00 Ref.

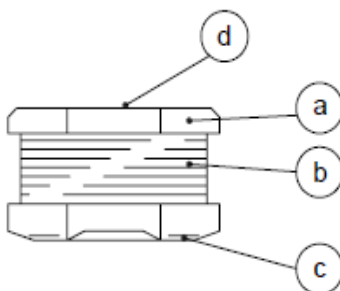
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. Rise : 40°C Max
- 2- Rated current: Base on temp. rise & $\Delta L/\Delta I_{0A} = 10\%$ 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: NLC0703 7,8 x 7,0 x 3,5 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μ H) $\pm 20\%$	Test Frequency (Hz.)	Rdc (Ω) Max.	IDC (A) Max.
NLC0703 – 100SWE	10,0	2,52M	0,0803	1,44
NLC0703 - 120SWE	12,0	2,52M	0,0897	1,39
NLC0703 - 150SWE	15,0	2,52M	0,104	1,24
NLC0703 - 180SWE	18,0	2,52M	0,111	1,12
NLC0703 - 220SWE	22,0	2,52M	0,129	1,07
NLC0703 - 270SWE	27,0	2,52M	0,153	0,94
NLC0703 - 330SWE	33,0	2,52M	0,170	0,85
NLC0703 - 390SWE	39,0	2,52M	0,217	0,74
NLC0703 - 470SWE	47,0	2,52M	0,252	0,68
NLC0703 - 560SWE	56,0	2,52M	0,282	0,64
NLC0703 - 680SWE	68,0	2,52M	0,332	0,59
NLC0703 - 820SWE	82,0	2,52M	0,406	0,54
NLC0703 - 101SWE	100,0	1V /1K	0,481	0,51
NLC0703 - 121SWE	120,0	1V /1K	0,536	0,49
NLC0703 - 151SWE	150,0	1V /1K	0,755	0,40
NLC0703 - 181SWE	180,0	1V /1K	1,022	0,36
NLC0703 - 221SWE	220,0	1V /1K	1,200	0,31
NLC0703 - 271SWE	270,0	1V /1K	1,306	0,29
NLC0703 - 331SWE	330,0	1V /1K	1,495	0,28

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