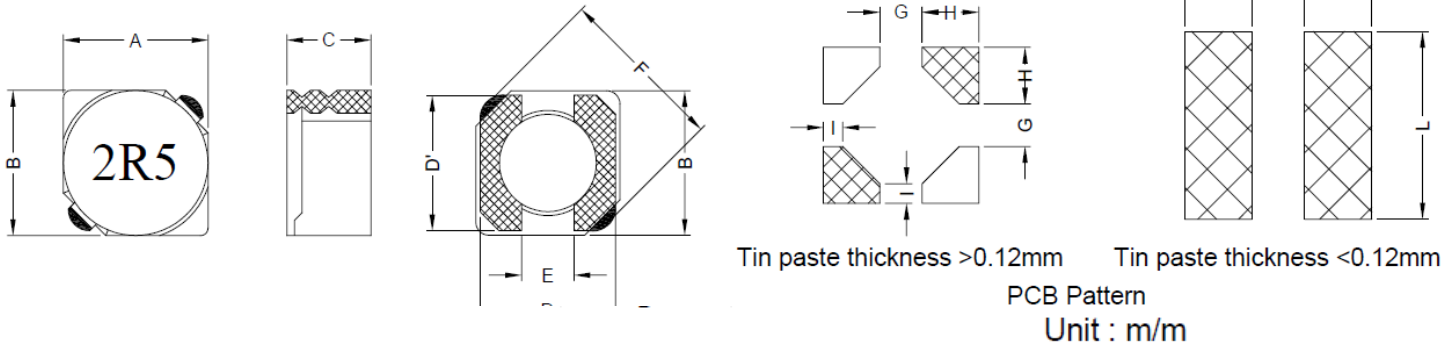


SMD POWER INDUCTOR

SERIE: QLC0403 4,7 x 4,7 x 3,0 mm

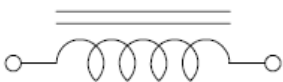
DIMENSIONS:

VPE: 2000pcs.



A	B	C	D	D'	E	F
4.70±0.3	4.70±0.3	3.00 Max.	4.50 Ref.	4.50 Ref.	1.50 Ref.	6.90 Max.
G	H	I	J	K	L	
1.70 Ref.	1.80 Ref.	0.80 Ref.	1.90 Ref.	1.50 Ref.	5.30 Ref.	

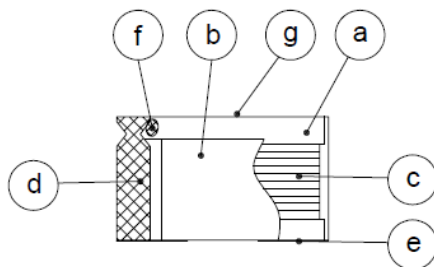
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max. at rated current
- 2- Operating temp. : -40°C to +85°C
- 3- Storage temp. : -40°C to +125°C
- 4- Rated current: Base on temp. rise & $\Delta L/L0A=35\%$ Max.
- 5- Resistance to solder heat: 260°C. 10sec.

MATERIALS:



- (a) Core : DR Ferrite Core
- (b) Core : RI Ferrite Core
- (c) Wire : Enamelled Copper Wire
- (d) Terminal : Au+Ni Copper Plate
- (e) Adhesive : Epoxy
- (f) Adhesive : Epoxy
- (g) Ink : Bon Margue

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

SMD POWER INDUCTOR

SERIE: QLC0403 4,7 x 4,7 x 3,0 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (uH)	Tolerance	Test Frequency (Hz)	RDC (mΩ) Max	IDC (A) Max.
QLC0403 - 1R2	1,2	± 30%	0,5V / 100K	23,6	2,56
QLC0403 - 1R8	1,8	± 30%	0,5V / 100K	27,5	2,20
QLC0403 - 2R2	2,2	± 30%	0,5V / 100K	31,3	2,04
QLC0403 - 2R7	2,7	± 30%	0,5V / 100K	43,3	1,60
QLC0403 - 3R3	3,3	± 30%	0,5V / 100K	49,2	1,57
QLC0403 - 3R9	3,9	± 30%	0,5V / 100K	64,8	1,44
QLC0403 - 4R7	4,7	± 30%	0,5V / 100K	72,0	1,32
QLC0403 - 5R6	5,6	± 30%	0,5V / 100K	100,9	1,17
QLC0403 - 6R8	6,8	± 30%	0,5V / 100K	108,9	1,12
QLC0403 - 8R2	8,2	± 30%	0,5V / 100K	117,5	1,04
QLC0403 - 100	10	± 30%	0,5V / 100K	128,3	1,00
QLC0403 - 120	12	± 30%	0,5V / 100K	131,5	0,84
QLC0403 - 150	15	± 30%	0,5V / 100K	149,0	0,76
QLC0403 - 180	18	± 30%	0,5V / 100K	166,0	0,72
QLC0403 - 220	22	± 30%	0,5V / 100K	235,0	0,70
QLC0403 - 270	27	± 30%	0,5V / 100K	261,0	0,58
QLC0403 - 330	33	± 30%	0,5V / 100K	331,3	0,56
QLC0403 - 390	39	± 30%	0,5V / 100K	383,7	0,50
QLC0403 - 470	47	± 30%	0,5V / 100K	587,0	0,48
QLC0403 - 560	56	± 30%	0,5V / 100K	624,5	0,41
QLC0403 - 680	68	± 30%	0,5V / 100K	699,0	0,35
QLC0403 - 820	82	± 30%	0,5V / 100K	914,6	0,32
QLC0403 - 101	100	± 30%	0,5V / 100K	1020,0	0,29
QLC0403 - 121	120	± 30%	0,5V / 100K	1270,0	0,27
QLC0403 - 151	150	± 30%	0,5V / 100K	1350,0	0,24
QLC0403 - 181	180	± 30%	0,5V / 100K	1540,0	0,22

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