

SMD POWER INDUCTOR

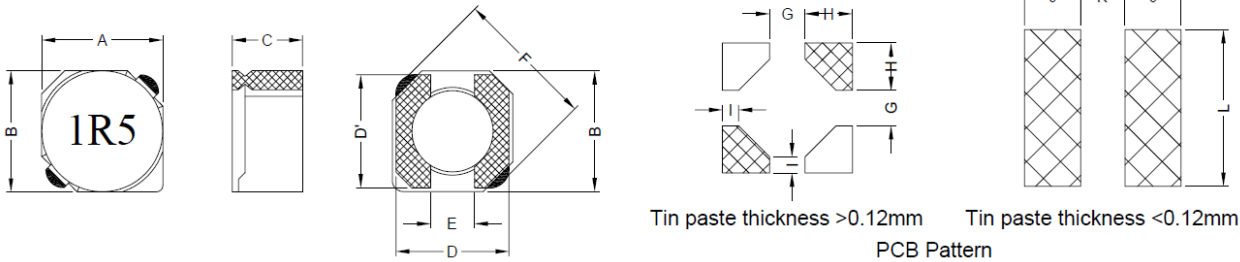
SERIE: QLC0301 4,1 x 4,1 x 1,8 mm

DIMENSIONS:

VPE: 3000pcs.



RoHS Compliant

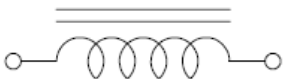


Tin paste thickness >0.12mm Tin paste thickness <0.12mm
PCB Pattern

Unit : m/m

A	B	C	D	D'	E	F
4.10 Max.	4.10 Max.	1.80 Max.	3.70 Ref.	3.75 Ref.	1.20 Ref.	5.20 Max.
G	H	I	J	K	L	
1.20 Ref.	1.60 Ref.	0.55 Ref.	1.70 Ref.	1.00 Ref.	4.30 Ref.	

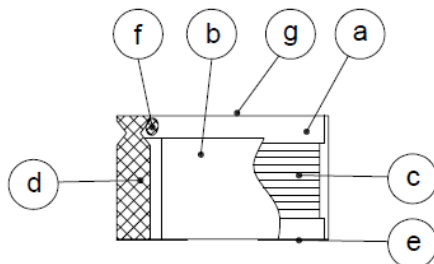
SCHEMATIC:



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.

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COILS ■ ELEKTRONIK ■ TRANSFORMERS

ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (uH)	Tolerance	Test Frequency (Hz)	RDC (mΩ) Max	IDC (A) Max.
QLC0301 - 1R5	1,50	± 30%	0,1V / 100K	52	1,55
QLC0301 - 2R2	2,20	± 30%	0,1V / 100K	72	1,20
QLC0301 - 3R3	3,30	± 30%	0,1V / 100K	85	1,10
QLC0301 - 4R7	4,70	± 30%	0,1V / 100K	105	0,90
QLC0301 - 6R8	6,80	± 30%	0,1V / 100K	170	0,73
QLC0301 - 100	10	± 30%	0,1V / 100K	210	0,55
QLC0301 - 150	15	± 30%	0,1V / 100K	295	0,45
QLC0301 - 220	22	± 30%	0,1V / 100K	430	0,40
QLC0301 - 330	33	± 30%	0,1V / 100K	675	0,32

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