

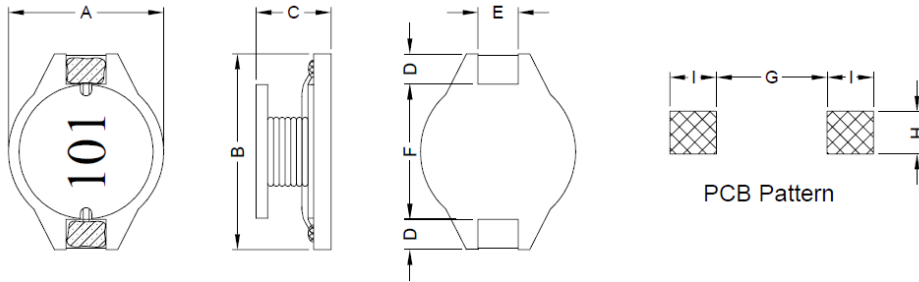
HIGH CURRENT MOLDED POWER INDUCTORS

SERIE: TLC1011 10,0 x 12,7 x 11,0 mm



DIMENSIONS:

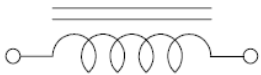
VPE: 225pcs.



Unit: mm

A	B	C	D	E	F	G	H	I
10.0±0.2	12.7±0.2	11.0±0.5	2.4±0.2	2.2±0.2	7.6±0.3	7.3 Ref.	2.8 Ref.	3.0 Ref.

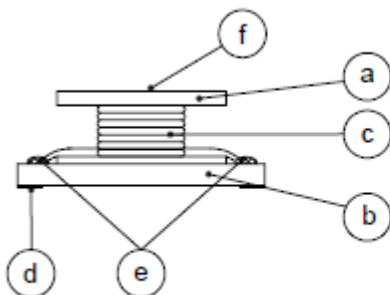
SCHEMATIC:



GENERAL SPECIFICATION :

1. Temp. rise: 30°C Max.
2. Rated current: Base on temp. rise & $\Delta L/\Delta I = 10\%$ Max.
3. Storage temp.: -40°C to +125°C
4. Operating temp.: -40°C to +85°C
5. Resistance to solder heat : 260°C 10sec.

Materials :



- (a) Core : DR Ferrite Core
- (b) Base : LCP
- (c) Wire : Enamelled Copper Wire
- (d) Terminal : Tinned Copper Plate
- (e) Adhesive : Epoxy
- (f) Ink : Bon Margue

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

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ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μH) $\pm 20\%$	Q Min	Test Frequency (Hz.)	SRF (MHz.) Typ.	Rdc ($\text{m}\Omega$)	IDC (A)
TLC1011 – 100SWE	10	30	1V / 100K	23,0	40	3,50
TLC1011 – 150SWE	15	30	1V / 100K	14,0	50	3,20
TLC1011 – 220SWE	22	40	1V / 100K	8,5	66	2,90
TLC1011 – 330SWE	33	40	1V / 100K	7,0	80	2,35
TLC1011 – 470SWE	47	35	1V / 100K	6,5	110	2,10
TLC1011 – 680SWE	68	35	1V / 100K	4,5	170	1,90
TLC1011 – 101SWE	100	30	1V / 100K	4,0	220	1,55
TLC1011 – 151SWE	150	30	1V / 100K	3,0	340	1,35
TLC1011 – 221SWE	220	50	1V / 100K	2,5	440	1,00
TLC1011 – 331SWE	330	50	1V / 100K	2,3	700	0,90
TLC1011 – 471SWE	470	45	1V / 100K	2,0	950	0,75
TLC1011 – 681SWE	680	50	1V / 100K	1,5	1200	0,55
TLC1011 – 102SWE	1000	50	1V / 100K	1,3	2000	050

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