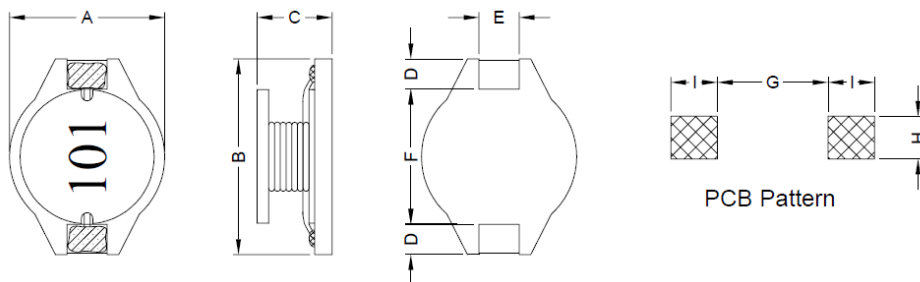


HIGH CURRENT MOLDED POWER INDUCTORS

SERIE: TLC1511 15,0 x 18,4 x 11,5 mm

DIMENSIONS:

VPE: 200pcs.



Unit: mm

A	B	C	D	E	F	G	H	I
15.0±0.3	18.4±0.3	11.5 Max.	2.4±0.2	2.2±0.2	13.3±0.3	12.7 Ref.	2.8 Ref.	3.0 Ref.

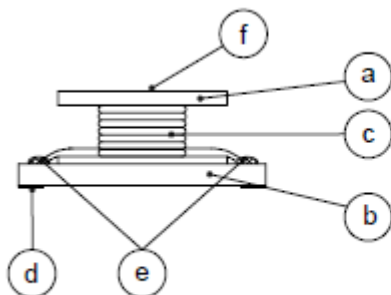
SCHEMATIC:



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

HIGH CURRENT MOLDED POWER INDUCTORS

SERIE: TLC1511 15,0 x 18,4 x 11,5 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μH) $\pm 20\%$	Test Frequency (Hz.)	Rdc (mΩ)	Irms (A)	Isat (A)
TLC1511 – 470SWE	47	1V / 100K	55	3,7	5,2
TLC1511 – 680SWE	68	1V / 100K	75	3,1	4,3
TLC1511 – 101SWE	100	1V / 100K	125	2,5	3,6
TLC1511 – 151SWE	150	1V / 100K	190	2,0	3,0
TLC1511 – 221SWE	220	1V / 100K	280	1,6	2,5
TLC1511 – 331SWE	330	1V / 100K	370	1,4	2,0
TLC1511 – 471SWE	470	1V / 100K	510	1,2	1,6
TLC1511 – 681SWE	680	1V / 100K	800	1,0	1,4
TLC1511 – 102SWE	1000	1V / 100K	1100	0,8	1,15
TLC1511 – 152SWE	1500	1V / 100K	1600	0,6	0,95
TLC1511 – 222SWE	2200	1V / 100K	2300	0,5	0,80
TLC1511 – 332SWE	3300	1V / 100K	3600	0,4	0,65
TLC1511 – 472SWE	4700	1V / 100K	5200	0,35	0,55
TLC1511 – 682SWE	6800	1V / 100K	7700	0,45	0,30
TLC1511 – 103SWE	10000	1V / 100K	11000	0,38	0,25

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