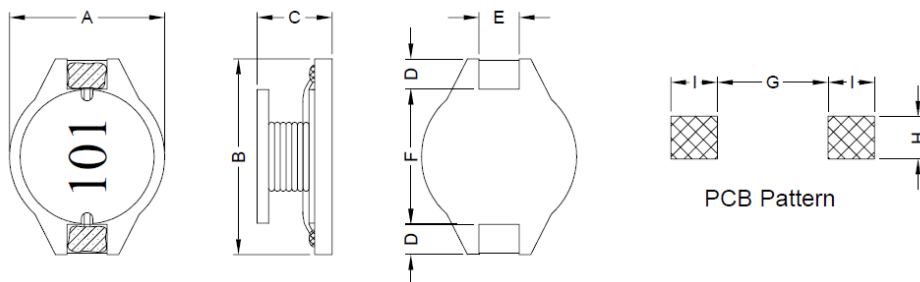


HIGH CURRENT MOLDED POWER INDUCTORS

SERIE: TLC1507 15,0 x 18,4 x 7,0 mm

DIMENSIONS:

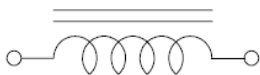
VPE: 350pcs.



Unit: mm

A	B	C	D	E	F	G	H	I
15.0±0.3	18.4±0.3	7.0±0.5	2.4±0.2	2.2±0.2	13.3±0.3	12.7 Ref.	2.8 Ref.	3.0 Ref.

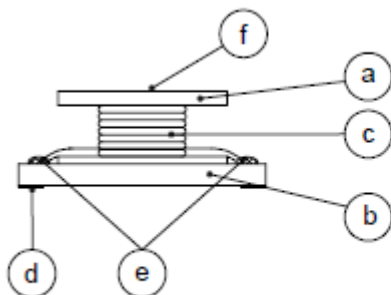
SCHEMATIC:



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: TLC1507 15,0 x 18,4 x 7,0 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μH) $\pm 20\%$	Q Min	Test Frequency (Hz.)	SRF (MHz.) Typ.	Rdc ($\text{m}\Omega$)	IDC (A)
TLC1507 – 1R0SWE	1,00	50	1V / 100K	140,0	9	8,60
TLC1507 – 1R5SWE	1,50	50	1V / 100K	110,0	12	7,5
TLC1507 – 2R2SWE	2,20	50	1V / 100K	75,0	14	7,1
TLC1507 – 3R3SWE	3,30	60	1V / 100K	70,	18	6,2
TLC1507 – 5R6SWE	5,60	50	1V / 100K	45,0	20	5,3
TLC1507 – 100SWE	10	30	1V / 100K	21,0	31	4,3
TLC1507 – 150SWE	15	30	1V / 100K	16,0	36	4,0
TLC1507 – 220SWE	22	20	1V / 100K	13,0	47	3,5
TLC1507 – 330SWE	33	30	1V / 100K	11,0	66	3,0
TLC1507 – 470SWE	47	20	1V / 100K	9,0	86	2,6
TLC1507 – 680SWE	68	30	1V / 100K	6,5	130	2,3
TLC1507 – 101SWE	100	20	1V / 100K	5,7	190	1,8
TLC1507 – 151SWE	150	25	1V / 100K	4,5	250	1,5
TLC1507 – 221SWE	220	25	1V / 100K	3,7	380	1,2
TLC1507 – 331SWE	330	30	1V / 100K	3,0	560	1,0
TLC1507 – 471SWE	470	30	1V / 100K	2,7	850	0,82
TLC1507 – 681SWE	680	35	1V / 100K	2,2	1100	0,72
TLC1507 – 102SWE	1000	35	1V / 100K	2,0	1800	0,56

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