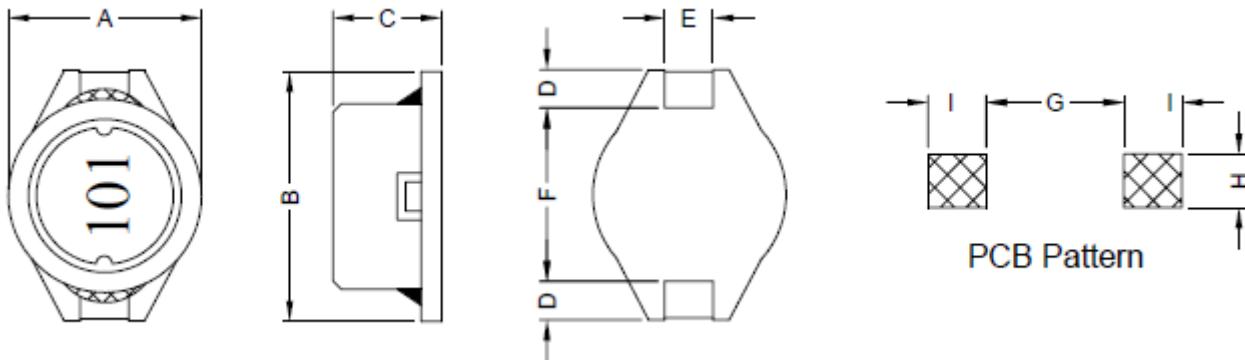


SMD POWER INDUCTORS

SERIE: TLS1507 18,4 x 15,0 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.

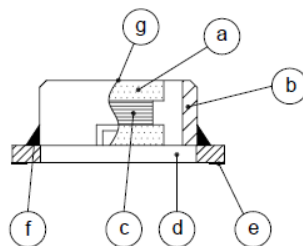
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max.
- 2- Rated current: Base on temp. rise & $\Delta L/L0A = 10\%$ Max
- 3- Operating temp.: -40°C to + 85°C
- 4- Storage temp.: -40°C to + 125°C
- 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) Base : LCP
- (e) Terminal : Tinned Copper Plate
- (f) Adhesive : Epoxy
- (g) Ink : Bon Margue

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

SMD POWER INDUCTORS

SERIE: TLS1507 18,4 x 15,0 x 7,0 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μ H)		Q Ref.	Test Frequency (Hz.)	SRF (MHz.)	RDC (m Ω) Max	IDC (A)
TLS1507 - 100SWE	10	$\pm 20\%$	70	1V / 100K	20	30	4
TLS1507 - 150SWE	15	$\pm 20\%$	55	1V / 100K	17	35	3,6
TLS1507 - 220SWE	22	$\pm 20\%$	45	1V / 100K	15	45	3,15
TLS1507 - 330SWE	33	$\pm 20\%$	55	1V / 100K	10	60	2,8
TLS1507 - 470SWE	47	$\pm 20\%$	45	1V / 100K	8,5	80	2,45
TLS1507 - 680SWE	68	$\pm 20\%$	50	1V / 100K	6,5	115	2
TLS1507 - 101SWE	100	$\pm 20\%$	70	1V / 100K	5,5	180	1,7
TLS1507 - 151SWE	150	$\pm 20\%$	60	1V / 100K	5	220	1,35
TLS1507 - 221SWE	220	$\pm 20\%$	65	1V / 100K	4	320	1,15
TLS1507 - 331SWE	330	$\pm 20\%$	80	1V / 100K	3	500	0,9
TLS1507 - 471SWE	470	$\pm 20\%$	90	1V / 100K	2,5	750	0,75
TLS1507 - 681SWE	680	$\pm 20\%$	100	1V / 100K	2,3	1100	0,65
TLS1507 - 102SWE	1000	$\pm 20\%$	90	1V / 100K	1,9	1500	0,55

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