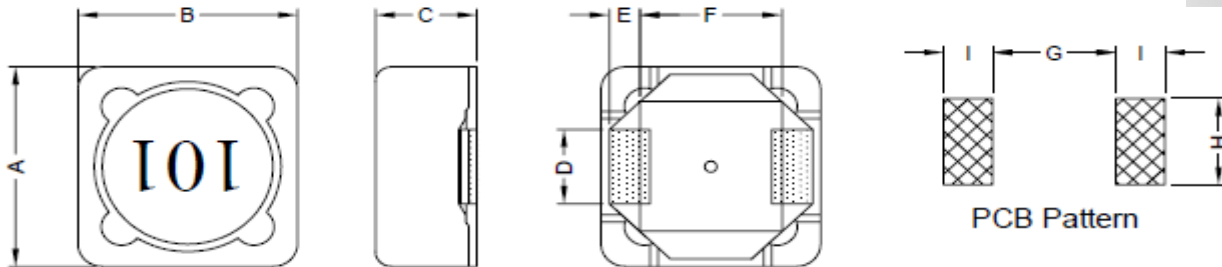


SMD POWER INDUCTORS

SERIE: DLS1205 12,5 x 12,5 x 6,0 mm

DIMENSIONS:

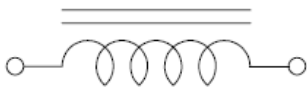
VPE: 600pcs.



Unit: mm

A	B	C	D	E	F	G	H	I
12,5 ± 0,5	12,5 ± 0,5	6,0 Max	5,0 ± 0,2	2,2 ± 0,2	7,6 ± 0,2	7,0 Ref.	5,4 Ref.	2,8 Ref.

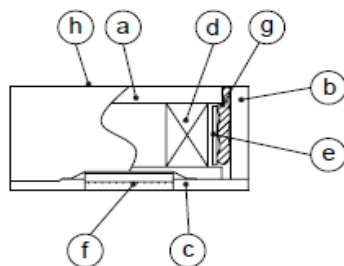
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max.
- 2- Rated current: Base on temp. rise & $\Delta L/L0A = 20\%$ Max
- 3- Operating temp.: -40°C to + 80°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 : SI Ferrite Core
- (c) Base : LCP
- (d) Wire : Enamelled Copper Wire
- (e) Tape : Mylar Tape
- (f) Terminal : Tinned Copper Plate
- (g) Adhesive : Epoxy
- (h) Ink : Bon Margue

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

SMD POWER INDUCTORS

SERIE: DLS1205 12,5 x 12,5 x 6,0 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μH)		Test Frequency (Hz.)	RDC (m Ω) Max	IDC (A)
DLS1205 - 1R5SWE	1,5	$\pm 25\%$	1V / 100K	12	8
DLS1205 - 2R2SWE	2,2	$\pm 25\%$	1V / 100K	14	7
DLS1205 - 3R1SWE	3,1	$\pm 25\%$	1V / 100K	17	6
DLS1205 - 4R4SWE	4,4	$\pm 25\%$	1V / 100K	20	5
DLS1205 - 5R2SWE	5,2	$\pm 25\%$	1V / 100K	21	4,4
DLS1205 - 7R5SWE	7,5	$\pm 25\%$	1V / 100K	24	4,2
DLS1205 - 100SWE	10	$\pm 20\%$	1V / 1K	25	4
DLS1205 - 120SWE	12	$\pm 20\%$	1V / 1K	27	3,5
DLS1205 - 150SWE	15	$\pm 20\%$	1V / 1K	30	3,3
DLS1205 - 180SWE	18	$\pm 20\%$	1V / 1K	34	3
DLS1205 - 220SWE	22	$\pm 20\%$	1V / 1K	36	2,8
DLS1205 - 270SWE	27	$\pm 20\%$	1V / 1K	51	2,3
DLS1205 - 330SWE	33	$\pm 20\%$	1V / 1K	57	2,1
DLS1205 - 390SWE	39	$\pm 20\%$	1V / 1K	68	2
DLS1205 - 470SWE	47	$\pm 20\%$	1V / 1K	75	1,8
DLS1205 - 560SWE	56	$\pm 20\%$	1V / 1K	110	1,7
DLS1205 - 680SWE	68	$\pm 20\%$	1V / 1K	120	1,5
DLS1205 - 820SWE	82	$\pm 20\%$	1V / 1K	140	1,4
DLS1205 - 101SWE	100	$\pm 20\%$	1V / 1K	160	1,3
DLS1205 - 121SWE	120	$\pm 20\%$	1V / 1K	170	1,1
DLS1205 - 151SWE	150	$\pm 20\%$	1V / 1K	230	1
DLS1205 - 181SWE	180	$\pm 20\%$	1V / 1K	290	0,9
DLS1205 - 221SWE	220	$\pm 20\%$	1V / 1K	400	0,8
DLS1205 - 271SWE	270	$\pm 20\%$	1V / 1K	460	0,75
DLS1205 - 331SWE	330	$\pm 20\%$	1V / 1K	510	0,68
DLS1205 - 391SWE	390	$\pm 20\%$	1V / 1K	690	0,65
DLS1205 - 471SWE	470	$\pm 20\%$	1V / 1K	770	0,58
DLS1205 - 561SWE	560	$\pm 20\%$	1V / 1K	860	0,54
DLS1205 - 681SWE	680	$\pm 20\%$	1V / 1K	1200	0,48
DLS1205 - 821SWE	820	$\pm 20\%$	1V / 1K	1340	0,43
DLS1205 - 102SWE	1000	$\pm 20\%$	1V / 1K	1530	0,4

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