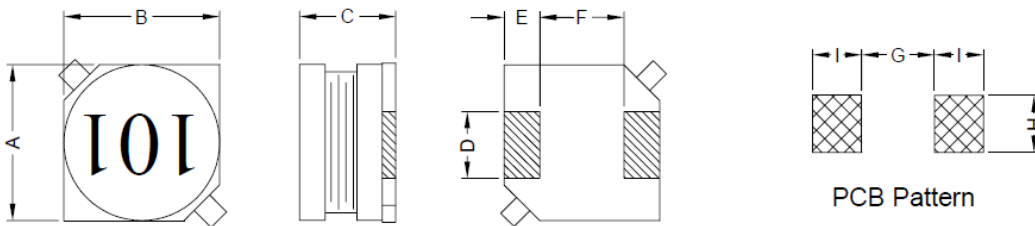


SMD POWER INDUCTOR

SERIE: MSB1004 10,0 x 10,0 x 4,6mm

DIMENSIONS:

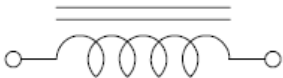
VPE: 600pcs.



Unit:m/m

A	B	C	D	E	F	G	H	I
10.0±0.3	10.0±0.3	4.6±0.3	2.4±0.2	2.0±0.2	6.0±0.2	5.7 Ref.	2.8 Ref.	2.5 Ref.

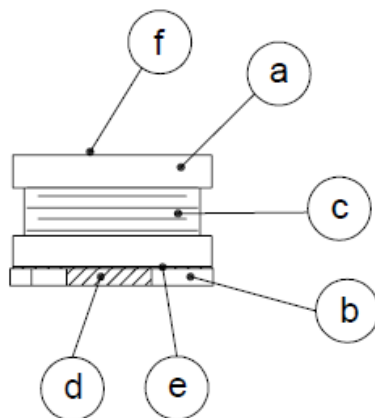
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max.
- 2- Operating temp. : -40°C to + 85°C
- 3- Storage temp. : -40°C to + 125°C
- 4- Rated current: Base on temp. rise & $\Delta L/L0A=10\%$ Max.
- 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.

SMD POWER INDUCTOR

SERIE: MSB1004 10,0 x 10,0 x 4,6mm



ELECTRICAL CHARACTERISTICS:

Part No.	L (μ H)	Tolerance	Test Frequency (MHz)	RDC (m Ω) Max	IDC (A)
MSB1004 - 1R8	1,8	20%	1V / 100K	23	5,50
MSB1004 - 2R7	2,7	20%	1V / 100K	25	5,00
MSB1004 - 3R9	3,9	20%	1V / 100K	30	4,50
MSB1004 - 4R7	4,7	20%	1V / 100K	35	4,00
MSB1004 - 6R8	6,8	20%	1V / 100K	40	3,80
MSB1004 - 100	10	20%	1V / 100K	50	3,30
MSB1004 - 120	12	20%	1V / 100K	55	3,20
MSB1004 - 150	15	20%	1V / 100K	65	3,00
MSB1004 - 180	18	15%	1V / 100K	70	2,70
MSB1004 - 220	22	15%	1V / 100K	80	2,60
MSB1004 - 270	27	15%	1V / 100K	90	2,40
MSB1004 - 330	33	15%	1V / 100K	110	2,00
MSB1004 - 390	39	15%	1V / 100K	120	1,90
MSB1004 - 470	47	15%	1V / 100K	130	1,80
MSB1004 - 560	56	15%	1V / 100K	180	1,60
MSB1004 - 680	68	15%	1V / 100K	210	1,40
MSB1004 - 820	82	15%	1V / 100K	240	1,30
MSB1004 - 101	100	10%	1V / 100K	290	1,20
MSB1004 - 121	120	10%	1V / 100K	340	1,10
MSB1004 - 151	150	10%	1V / 100K	470	1,00
MSB1004 - 181	180	10%	1V / 100K	530	0,90
MSB1004 - 221	220	10%	1V / 100K	730	0,80
MSB1004 - 271	270	10%	1V / 100K	830	0,70
MSB1004 - 331	330	10%	1V / 100K	990	0,65
MSB1004 - 391	390	10%	1V / 100K	1100	0,60

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SMD POWER INDUCTOR

SERIE: MSB1004 10,0 x 10,0 x 4,6mm



ELECTRICAL CHARACTERISTICS:

Part No.	L (μ H)	Tolerance	Test Frequency (MHz)	RDC ($m\Omega$) Max	IDC (A) Max.
MSB1004 - 471	470	10%	1V / 100K	1250	0,55
MSB1004 - 561	560	10%	1V / 100K	1600	0,50
MSB1004 - 681	680	10%	1V / 100K	1800	0,45
MSB1004 - 821	820	10%	1V / 100K	2060	0,40
MSB1004 - 102	1000	10%	1V / 100K	2800	0,38

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