

SMD POWER INDUCTOR

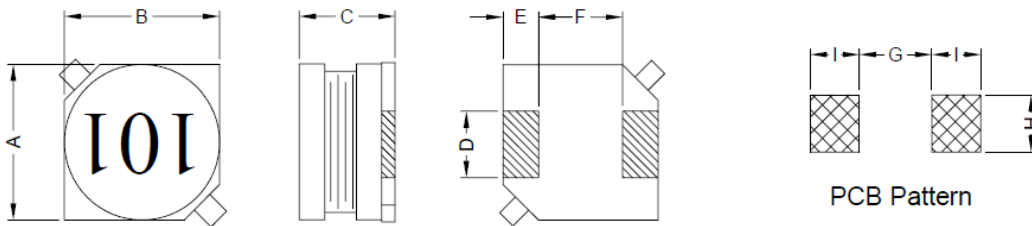
SERIE: MSB0602 6,0 x 6,0 x 2,5mm

DIMENSIONS:

VPE: 1500pcs.



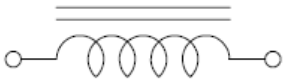
RoHS Compliant



Unit:m/m

A	B	C	D	E	F	G	H	I
6.0±0.3	6.0±0.3	2.5 Max.	2.0±0.2	1.5±0.2	3.0±0.2	2.8 Ref.	2.2 Ref.	1.9 Ref.

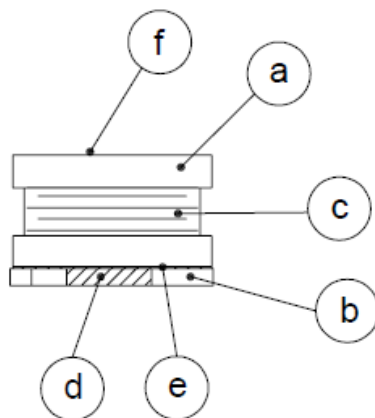
SCHEMATIC:



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.

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COILS ■ ELEKTRONIK ■ TRANSFORMERS

ELECTRICAL CHARACTERISTICS:

Part No.	L (μ H)	Tolerance	Test Frequency (MHz)	RDC (m Ω) Max	IDC (A)
MSB0602 - 1R0	1,0	20%	1V / 100K	25	2,70
MSB0602 - 1R5	1,5	20%	1V / 100K	35	2,50
MSB0602 - 2R2	2,2	20%	1V / 100K	40	2,00
MSB0602 - 3R3	3,3	20%	1V / 100K	50	1,50
MSB0602 - 4R7	4,7	20%	1V / 100K	70	1,45
MSB0602 - 6R8	6,8	20%	1V / 100K	95	1,10
MSB0602 - 100	10	20%	1V / 100K	135	0,90
MSB0602 - 150	15	20%	1V / 100K	190	0,75
MSB0602 - 220	22	20%	1V / 100K	250	0,60
MSB0602 - 330	33	20%	1V / 100K	350	0,50
MSB0602 - 470	47	20%	1V / 100K	530	0,40
MSB0602 - 680	68	20%	1V / 100K	700	0,30
MSB0602 - 101	100	20%	1V / 100K	1050	0,25
MSB0602 - 151	150	20%	1V / 100K	1650	0,20
MSB0602 - 221	220	20%	1V / 100K	2200	0,18
MSB0602 - 331	330	20%	1V / 100K	3300	0,15
MSB0602 - 471	470	20%	1V / 100K	5300	0,12
MSB0602 - 681	680	20%	1V / 100K	6900	0,11
MSB0602 - 102	1000	20%	1V / 100K	10000	0,09

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