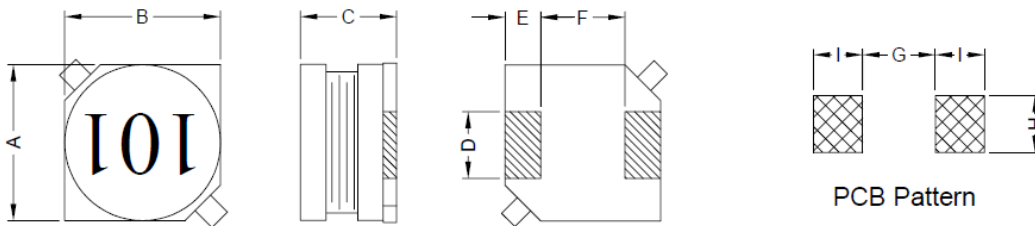


SMD POWER INDUCTOR

SERIE: MSB0703 7,0 x 7,0 x 3,0mm

DIMENSIONS:

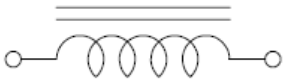
VPE: 1000pcs.



Unit:m/m

A	B	C	D	E	F	G	H	I
7.0±0.3	7.0±0.3	3.0±0.3	2.0±0.2	1.5±0.2	4.0±0.2	3.7 Ref.	2.2 Ref.	1.9 Ref.

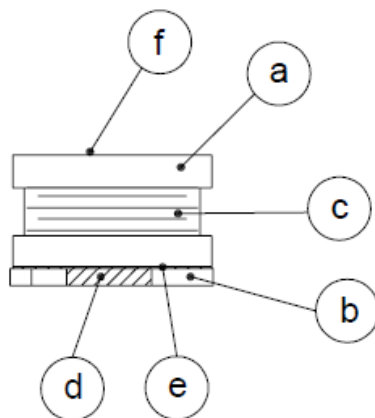
SCHEMATIC:



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.

SMD POWER INDUCTOR

SERIE: MSB0703 7,0 x 7,0 x 3,0mm



ELECTRICAL CHARACTERISTICS:

Part No.	L (μ H)	Tolerance	Test Frequency (MHz)	RDC (m Ω) Max	IDC (A)
MSB0703 - 1R0	1,0	20%	1V / 100K	20	3,20
MSB0703 - 1R5	1,5	20%	1V / 100K	25	2,80
MSB0703 - 2R2	2,2	20%	1V / 100K	35	2,50
MSB0703 - 3R3	3,3	20%	1V / 100K	40	2,20
MSB0703 - 4R7	4,7	20%	1V / 100K	45	2,00
MSB0703 - 6R8	6,8	20%	1V / 100K	60	1,60
MSB0703 - 100	10	20%	1V / 100K	80	1,40
MSB0703 - 120	12	20%	1V / 100K	85	1,30
MSB0703 - 150	15	15%	1V / 100K	110	1,10
MSB0703 - 180	18	15%	1V / 100K	130	1,05
MSB0703 - 220	22	15%	1V / 100K	150	1,00
MSB0703 - 270	27	15%	1V / 100K	190	0,95
MSB0703 - 330	33	15%	1V / 100K	210	0,85
MSB0703 - 390	39	15%	1V / 100K	270	0,75
MSB0703 - 470	47	15%	1V / 100K	310	0,70
MSB0703 - 560	56	10%	1V / 100K	390	0,65
MSB0703 - 680	68	10%	1V / 100K	430	0,60
MSB0703 - 820	82	10%	1V / 100K	490	0,50
MSB0703 - 101	100	10%	1V / 100K	650	0,45
MSB0703 - 121	120	10%	1V / 100K	700	0,40
MSB0703 - 151	150	10%	1V / 100K	850	0,35
MSB0703 - 181	180	10%	1V / 100K	1100	0,33
MSB0703 - 221	220	10%	1V / 100K	1250	0,30
MSB0703 - 271	270	10%	1V / 100K	1450	0,28
MSB0703 - 331	330	10%	1V / 100K	2000	0,25

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SMD POWER INDUCTOR

SERIE: MSB0703 7,0 x 7,0 x 3,0mm



ELECTRICAL CHARACTERISTICS:

Part No.	L (μ H)	Tolerance	Test Frequency (MHz)	RDC ($m\Omega$) Max	IDC (A) Max.
MSB0703 - 391	390	10%	1V / 100K	2250	0,23
MSB0703 - 471	470	10%	1V / 100K	2600	0,22
MSB0703 - 561	560	10%	1V / 100K	3700	0,20
MSB0703 - 681	680	10%	1V / 100K	4300	0,18
MSB0703 - 821	820	10%	1V / 100K	4900	0,16
MSB0703 - 102	1000	10%	1V / 100K	5600	0,15

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