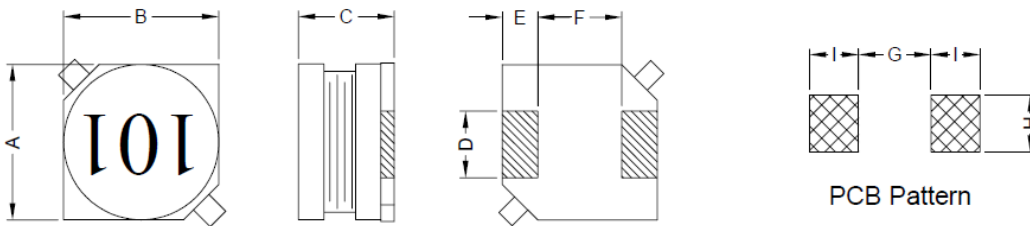


SMD POWER INDUCTOR

SERIE: MSB0605 6,0 x 6,0 x 4,9mm

DIMENSIONS:

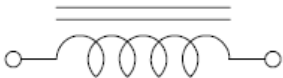
VPE: 1000pcs.



Unit:m/m

A	B	C	D	E	F	G	H	I
6.0±0.3	6.0±0.3	4.9±0.3	2.0±0.2	1.5±0.2	3.0±0.2	2.8 Ref.	2.2 Ref.	1.9 Ref.

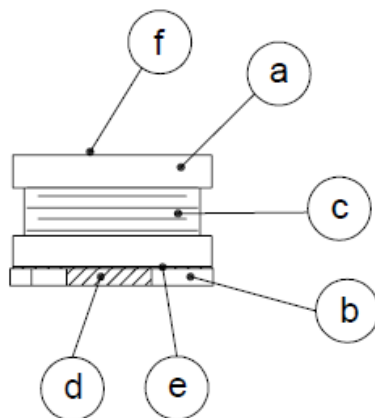
SCHEMATIC:



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.

SMD POWER INDUCTOR

SERIE: MSB0605 6,0 x 6,0 x 4,9mm



COILS ■ ELEKTRONIK ■ TRANSFORMERS

ELECTRICAL CHARACTERISTICS:

Part No.	L (uH)	Tolerance	Test Frequency (MHz)	RDC (mΩ) Max	IDC (A)
MSB0605 - 1R2	1,2	20%	1V / 100K	28	3,50
MSB0605 - 1R5	1,5	20%	1V / 100K	30	3,00
MSB0605 - 2R2	2,2	20%	1V / 100K	35	2,70
MSB0605 - 3R3	3,3	20%	1V / 100K	42	2,50
MSB0605 - 4R7	4,7	20%	1V / 100K	50	2,20
MSB0605 - 6R8	6,8	20%	1V / 100K	60	2,00
MSB0605 - 100	10	20%	1V / 100K	70	1,80
MSB0605 - 120	12	20%	1V / 100K	80	1,60
MSB0605 - 150	15	20%	1V / 100K	90	1,50
MSB0605 - 180	18	20%	1V / 100K	95	1,30
MSB0605 - 220	22	20%	1V / 100K	110	1,20
MSB0605 - 270	27	20%	1V / 100K	130	1,10
MSB0605 - 330	33	10%	1V / 100K	180	1,00
MSB0605 - 390	39	10%	1V / 100K	210	0,90
MSB0605 - 470	47	10%	1V / 100K	220	0,80
MSB0605 - 560	56	10%	1V / 100K	250	0,75
MSB0605 - 680	68	10%	1V / 100K	300	0,70
MSB0605 - 820	82	10%	1V / 100K	390	0,60
MSB0605 - 101	100	10%	1V / 100K	430	0,55
MSB0605 - 121	120	10%	1V / 100K	500	0,50
MSB0605 - 151	150	10%	1V / 100K	620	0,45
MSB0605 - 181	180	10%	1V / 100K	690	0,40
MSB0605 - 221	220	10%	1V / 100K	890	0,38
MSB0605 - 271	270	10%	1V / 100K	1000	0,35
MSB0605 - 331	330	10%	1V / 100K	1400	0,32

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SMD POWER INDUCTOR

SERIE: MSB0605 6,0 x 6,0 x 4,9mm



ELECTRICAL CHARACTERISTICS:

Part No.	L (μ H)	Tolerance	Test Frequency (MHz)	RDC ($m\Omega$) Max	IDC (A) Max.
MSB0605 - 391	390	10%	1V / 100K	1500	0,30
MSB0605 - 471	470	10%	1V / 100K	2000	0,28
MSB0605 - 561	560	10%	1V / 100K	2300	0,25
MSB0605 - 681	680	10%	1V / 100K	3200	0,20
MSB0605 - 821	820	10%	1V / 100K	3500	0,18
MSB0605 - 102	1000	10%	1V / 100K	4100	0,16

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