

# SMD POWER INDUCTORS

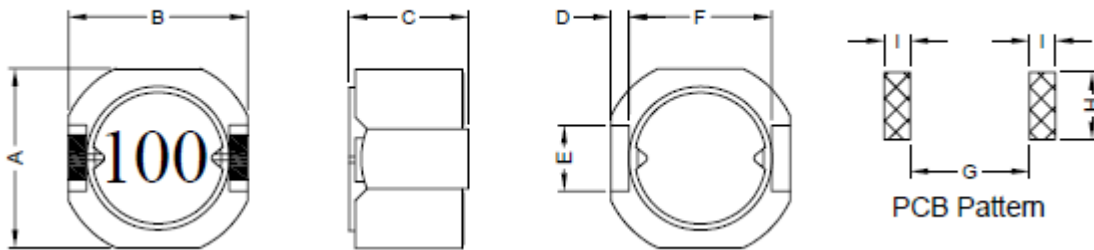
**SERIE:** DHSSC 0603 6,3 x 6,2 x 3,5 mm

## DIMENSIONS:

VPE : 1000pcs.

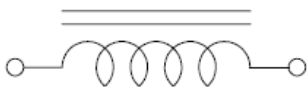


RoHS Compliant



A	B	C	D	E	F	G	H	I
6,2 max	6,3 ± 0,3	3,5 Max	0,6 Typ.	2,0 Typ.	4,8 Typ.	4,6 Typ.	2,6 Ref.	1,0 Ref.

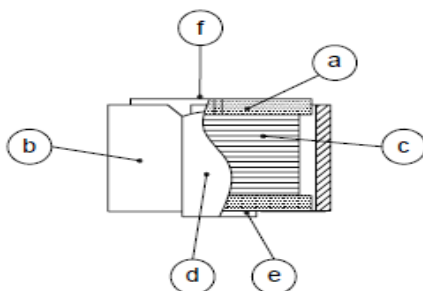
## SCHEMATIC:



## GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max.
- 2- Rated current:  $I_{sat} \Delta L/L_0A = 30\%$  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 : RI Ferrite Core
- (c) Wire : Enamelled Copper Wire
- (d) Lead : Tinned Copper Wire
- (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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**SERIE:** DHSSC 0603 6,3 x 6,2 x 3,5 mm



## ELECTRICAL CHARACTERISTICS:

Part No.	Inductance ( $\mu\text{H}$ ) $\pm 20\%$	Test Frequency ( Hz. )	RDC ( $\Omega$ ) Typ.	Isat ( A ) Max.	Irms ( A ) Max.
DHSSC0603- 2R0SWE	2,0	100K	19,1	2,997	3,30
DHSSC0603 -2R7SWE	2,7	100K	22,0	2,691	3,12
DHSSC0603-3R3SWE	3,3	100K	25,7	2,573	2,81
DHSSC0603 -4R7SWE	4,7	100K	31,6	2,084	2,51
DHSSC0603-6R2SWE	6,2	100K	35,0	1,835	2,41
DHSSC0603 -8R2SWE	8,2	100K	43,5	1,542	2,11
DHSSC0603 -100SWE	10	100K	49,4	1,491	1,97
DHSSC0603 -120SWE	12	100K	62,0	1,282	1,73
DHSSC0603 -150SWE	15	100K	77,0	1,103	1,54
DHSSC0603 -180SWE	18	100K	81,5	1,046	1,52
DHSSC0603 -220SWE	22	100K	106,0	0,968	1,29
DHSSC0603 -270SWE	27	100K	140,0	0,821	1,11
DHSSC0603 -330SWE	33	100K	162,0	0,755	1,02
DHSSC0603 -390SWE	39	100K	192,0	0,700	0,96
DHSSC0603 -470SWE	47	100K	209,0	0,677	0,89
DHSSC0603 -560SWE	56	100K	257,0	0,602	0,80
DHSSC0603 -680SWE	68	100K	320,0	0,556	0,71
DHSSC0603 -820SWE	82	100K	420,0	0,468	0,61
DHSSC0603 -101SWE	100	100K	477,0	0,449	0,57
DHSSC0603 -151SWE	150	100K	664,0	0,367	0,48

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