

# SMD POWER INDUCTORS

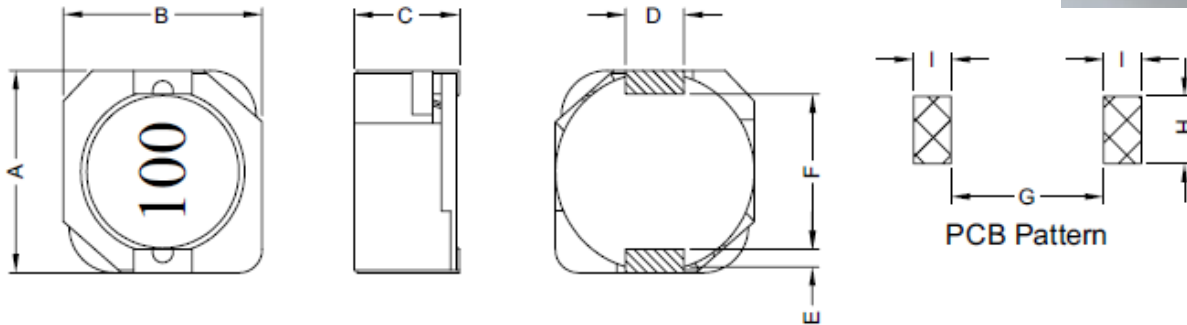
**SERIE:** DHSSC 1003 10,1 x 10,0 x 3,8 mm

## DIMENSIONS:

VPE : 600pcs.

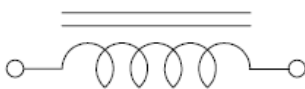


RoHS Compliant



A	B	C	D	E	F	G	H	I
10,1 ± 0,3	10,0 ± 0,3	3,8 ± 0,2	3,0 ± 0,1	1,5 ± 0,2	7,3 ± 0,3	7,3 Ref.	3,2 Ref.	1,8 Ref.

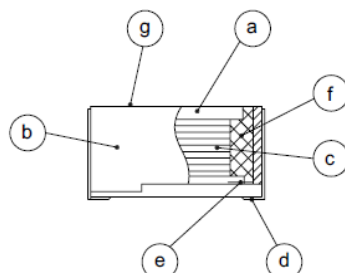
## SCHEMATIC:



## GENERAL SPECIFICATION :

- 1- Rated current:  $I_{sat} \Delta L/L_0A = 35\% \text{ Max}$
- 2- Operating temp.:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- 3- Storage temp.:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$
- 4- Resistance to solder heat :  $260^{\circ}\text{C}$  10sec.

## Materials:



- (a) Core : DR Ferrite Core
- (b) Core : RI Ferrite Core
- (c) Wire : Enamelled Copper Wire
- (d) Lead : Au+Ni Copper Plate
- (e) Adhesive : Epoxy
- (f) Adhesive : Epoxy
- (g) Ink : Bon Margue

*NOTE : Specifications subject to change without notice. Please check our website for latest information*

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## ELECTRICAL CHARACTERISTICS:

Part No.	Inductance ( $\mu\text{H}$ ) $\pm 30\%$	TEST Frequency (Hz.)	RDC ( $\text{m}\Omega$ ) Max.	IDC (A) Max.
DHSSC1003 - 1R5SWE	1,50	1V / 100K	8,1	10,00
DHSSC1003 - 2R5SWE	2,50	1V / 100K	10,0	7,50
DHSSC1003 - 3R8SWE	3,80	1V / 100K	13,0	6,00
DHSSC1003 - 5R2SWE	5,20	1V / 100K	22,0	5,50
DHSSC1003 - 7R0SWE	7,00	1V / 100K	27,0	4,80
DHSSC1003 - 100SWE	10,00	1V / 100K	35,0	4,40
DHSSC1003 - 150SWE	15,00	1V / 100K	50,0	3,60
DHSSC1003 - 220SWE	22,00	1V / 100K	73,0	2,90
DHSSC1003 - 330SWE	33,00	1V / 100K	93,0	2,30
DHSSC1003 - 470SWE	47,00	1V / 100K	128,0	2,10
DHSSC1003 - 680SWE	68,00	1V / 100K	213,0	1,50
DHSSC1003 - 820SWE	82,00	1V / 100K	283,0	1,45
DHSSC1003 - 101SWE	100,00	1V / 100K	304,0	1,35
DHSSC1003 - 151SWE	150,00	1V / 100K	506,0	1,15
DHSSC1003 - 221SWE	220,00	1V / 100K	756,0	0,92
DHSSC1003 - 331SWE	330,00	1V / 100K	1090,0	0,70

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