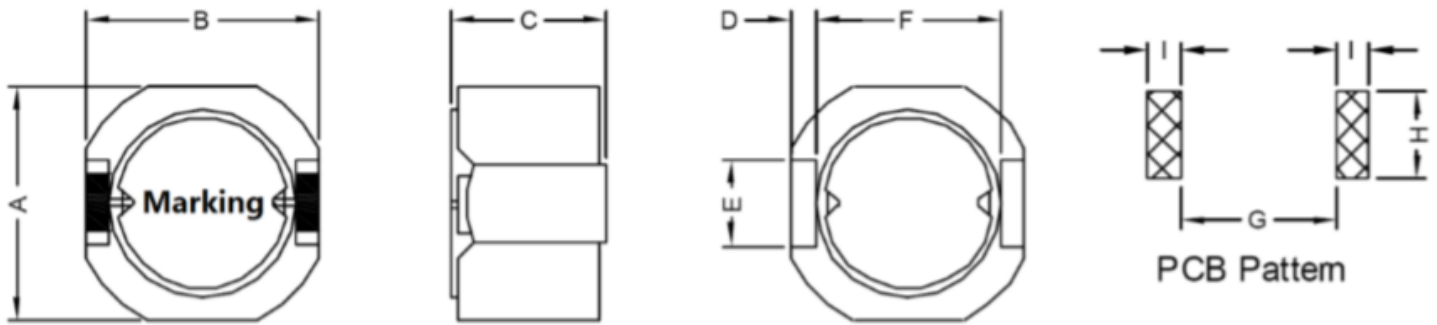


SMD POWER INDUCTORS

SERIE: DHS0603 6,2 x 6,3 x 3,5 mm

DIMENSIONS:

VPE: 1000pcs.



Unit:mm

A	B	C	D	E	F	G	H	I
6,20 Max.	6,30 ± 0,3	3,50 ± 0,1	0,6 Typ.	2,0 Typ.	4,8 Typ.	4,6 Ref.	2,6 Ref.	1,0 Ref.

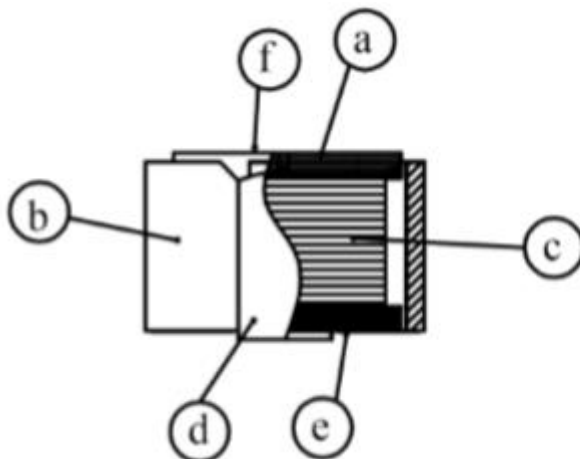
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max. AT I_{rms}
- 2- Rated current: Base on temp. rise & $\Delta L/L0A = 25\%$ Max
- 3- Operating temp.: -40°C to + 125°C
- 4- Storage temp.: -40°C to + 125°C
- 5- Resistance to solder heat : 260°C 10sec.

Materials :



- a) Core
- b) Core
- c) Wire
- d) Terminal
- e) Adhesive
- f) Ink

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

SMD POWER INDUCTORS

SERIE: DHS0603 6,2 x 6,3 x 3,5 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μH) $\pm 20\%$	Test Frequency (Hz.)	DCR ($\text{m}\Omega$) Max	Irms (A) Max.	ISAT (A) Max.
DHS0603 - 2R0SWE	2.0	1.0V / 100K	19.1	3.30	2.997
DHS0603 - 2R7SWE	2.7	1.0V / 100K	22.0	3.12	2.691
DHS0603 - 3R3SWE	3.3	1.0V / 100K	25.7	2.81	2.573
DHS0603 - 4R7SWE	4.7	1.0V / 100K	31.6	2.51	2.084
DHS0603 - 6R2SWE	6.2	1.0V / 100K	35.0	2.41	1.835
DHS0603 - 8R2SWE	8.2	1.0V / 100K	43.5	2.11	1.542
DHS0603 - 100SWE	10.0	1.0V / 100K	49.4	1.97	1.491
DHS0603 - 120SWE	12.0	1.0V / 100K	62.0	1.73	1.282
DHS0603 - 150SWE	15.0	1.0V / 100K	77.0	1.54	1.103
DHS0603 - 180SWE	18.0	1.0V / 100K	81.5	1.52	1.046
DHS0603 - 220SWE	22.0	1.0V / 100K	106	1.29	0.968
DHS0603 - 270SWE	27.0	1.0V / 100K	140	1.11	0.821
DHS0603 - 330SWE	33.0	1.0V / 100K	162	1.02	0.755
DHS0603 - 390SWE	39.0	1.0V / 100K	192	0.96	0.700
DHS0603 - 470SWE	47.0	1.0V / 100K	209	0.89	0.677
DHS0603 - 560SWE	56.0	1.0V / 100K	257	0.80	0.602
DHS0603 - 680SWE	68.0	1.0V / 100K	320	0.71	0.556
DHS0603 - 820SWE	82.0	1.0V / 100K	420	0.61	0.468
DHS0603 - 101SWE	100	1.0V / 100K	477	0.57	0.449
DHS0603 - 151SWE	150	1.0V / 100K	664	0.48	0.367

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