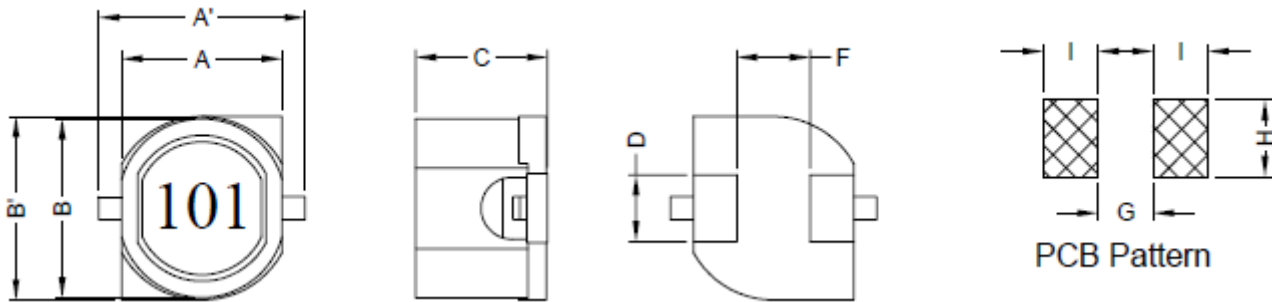


SMD POWER INDUCTORS

SERIE: SDS0705 7,0 x 7,8 x 5,7 mm

DIMENSIONS:

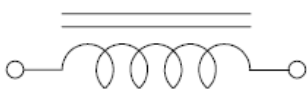
VPE: 900pcs.



Unit: mm

A'	A	B'	B	C	D	F	G	H	I
10,5Max.	7,0Ref.	8,0 ± 0,3	7,8Ref.	5,7 ± 0,3	3,0 ± 0,2	3,7 ± 0,3	2,8 Ref.	3,9Ref.	2,8 Ref.

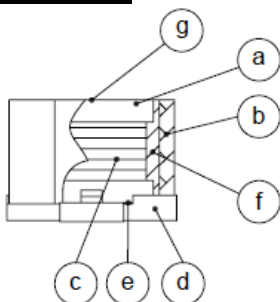
SCHEMATIC:



GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max.
- 2- Rated current: Base on temp. rise & $\Delta L/L0A = 25\%$ Max
- 3- Operating temp.: -20°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) Base : Phenolic
- (e) Adhesive : Epoxy
- (f) Adhesive : Epoxy
- (g) Ink : Bon Margue

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

SMD POWER INDUCTORS

SERIE: SDS0705 7,0 x 7,8 x 5,7 mm



ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (μ H)		Test Frequency (Hz.)	RDC (Ω) Max	IDC (A)
SDS 0705 - 100SWE	10	$\pm 20\%$	1V / 1K	0,05	1,6
SDS 0705 - 120SWE	12	$\pm 20\%$	1V / 1K	0,06	1,5
SDS 0705 - 150SWE	15	$\pm 20\%$	1V / 1K	0,07	1,4
SDS 0705 - 180SWE	18	$\pm 20\%$	1V / 1K	0,08	1,3
SDS 0705 - 220SWE	22	$\pm 20\%$	1V / 1K	0,1	1,1
SDS 0705 - 270SWE	27	$\pm 20\%$	1V / 1K	0,1	1,0
SDS 0705 - 330SWE	33	$\pm 20\%$	1V / 1K	0,15	0,92
SDS 0705 - 390SWE	39	$\pm 20\%$	1V / 1K	0,15	0,84
SDS 0705 - 470SWE	47	$\pm 20\%$	1V / 1K	0,2	0,76
SDS 0705 - 560SWE	56	$\pm 20\%$	1V / 1K	0,25	0,68
SDS 0705 - 680SWE	68	$\pm 20\%$	1V / 1K	0,3	0,63
SDS 0705 - 820SWE	82	$\pm 20\%$	1V / 1K	0,3	0,58
SDS 0705 - 101SWE	100	$\pm 20\%$	1V / 1K	0,4	0,5
SDS 0705 - 121SWE	120	$\pm 20\%$	1V / 1K	0,45	0,46
SDS 0705 - 151SWE	150	$\pm 20\%$	1V / 1K	0,55	0,4
SDS 0705 - 181SWE	180	$\pm 20\%$	1V / 1K	0,7	0,38
SDS 0705 - 221SWE	220	$\pm 20\%$	1V / 1K	0,75	0,36

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