



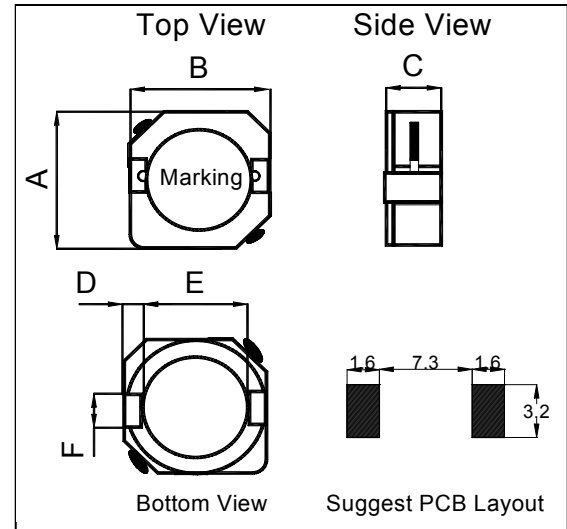
SDRS104 Series



Features:

- 10×10.5×4.1 mm package, low profile shielded inductor.
- Inductance range: 1.5 uH ~ 330 uH.
- Ideally for high density board application.
- Tape & Reel Qty: 800 pcs per reel.

Mechanical Dimmensions (Unit: mm)						
Part Number	A	B	C	D	E	F
SDRS104	±0.5	±0.3	Max.	±0.15	±0.3	±0.15
	10.0	10.5	4.1	1.2	7.7	3.0



Electrical Specifications:				
Part Number	L @ 100kHz 0.25V (uH)	DCR Max. (mΩ)	I _{sat} (A)	I _{rms} (A)
SDRS104-1R5NHF	1.5	8.1	10.50	6.5
SDRS104-2R5NHF	2.5	10.5	8.50	6.0
SDRS104-3R8MHF	3.8	13.0	7.00	5.0
SDRS104-5R2MHF	5.2	22.0	6.20	3.8
SDRS104-7R0MHF	7.0	27.0	5.30	3.2
SDRS104-100MHF	10.0	35.0	4.60	3.0
SDRS104-150MHF	15.0	50.0	3.70	2.3
SDRS104-220MHF	22.0	73.0	2.80	2.1
SDRS104-330MHF	33.0	93.0	2.45	1.9
SDRS104-470MHF	47.0	128.0	2.20	1.35
SDRS104-680MHF	68.0	213.0	1.80	1.3
SDRS104-101MHF	100.0	304.0	1.40	0.9
SDRS104-151MHF	150.0	506.0	1.20	0.8
SDRS104-221MHF	220.0	756.0	1.05	0.7
SDRS104-331MHF	330.0	1090.0	0.85	0.5

Notes:

1. Tolerance: N = ±30%; M = ±20%.
2. Operating temperature range: -25 ~ 130 °C.
3. I_{sat}: 10% inductance roll off (typical); I_{rms}: 40°C temperature rise.