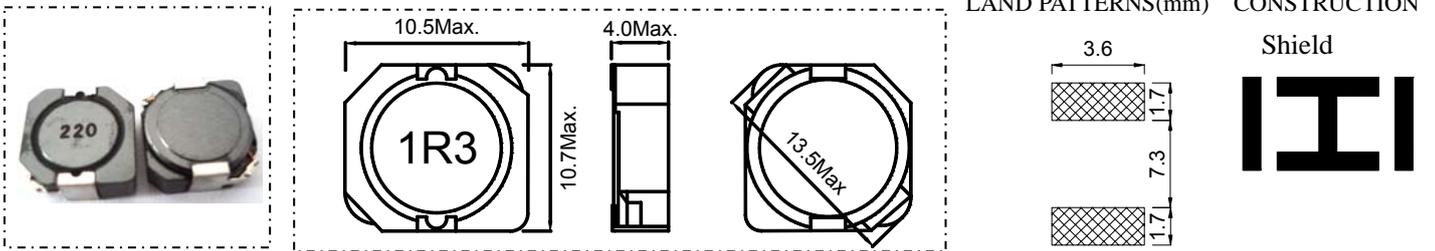


SDRH104R

Inductance Range: 1.3μH~330μH
Temperature Range: -40°C~+105°C

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel:800pcs
- ★High current & low DCR, Quadrate10.7mm Max, Height 4.0mm Max.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/ PDA /Digital camera/DVD etc.
- ★Design to customer requirement

RoHS Compliant(SGS Certified Result)

Pb	Cd	Cr+6	PBBs	PBDEs	
<1000ppm	ND	ND	ND	ND	

Electrical Characteristics:

Part Number	Test Condition	Inductance (μH)	Tolerance (%)	D.C.R(mΩ) Max.	Rated Current	
					Isat(A)	Irms(A)
SDRH104R-1R3N	100KHz/1.0V	1.3	±30	8.1	10.00	6.50
SDRH104R-2R5N	100KHz/1.0V	2.5	±30	10.5	7.50	6.10
SDRH104R-3R8N	100KHz/1.0V	3.8	±30	13.0	6.00	5.50
SDRH104R-4R7N	100KHz/1.0V	4.7	±30	22.0	5.70	5.40
SDRH104R-6R8N	100KHz/1.0V	6.8	±30	27.0	4.80	4.50
SDRH104R-7R0N	100KHz/1.0V	7.0	±30	27.0	4.80	4.50
SDRH104R-100M,N	100KHz/1.0V	10	±20,±30	35.0	4.40	3.80
SDRH104R-150M,N	100KHz/1.0V	15	±20,±30	50.0	3.60	3.10
SDRH104R-220M,N	100KHz/1.0V	22	±20,±30	73.0	2.90	2.50
SDRH104R-330M,N	100KHz/1.0V	33	±20,±30	93.0	2.30	2.20
SDRH104R-470M,N	100KHz/1.0V	47	±20,±30	128.0	2.10	0.19
SDRH104R-680M,N	100KHz/1.0V	68	±20,±30	213.0	1.50	1.42
SDRH104R-101M,N	100KHz/1.0V	100	±20,±30	304.0	1.35	1.25
SDRH104R-121M,N	100KHz/1.0V	120	±20,±30	388.0	1.25	1.05
SDRH104R-151M,N	100KHz/1.0V	150	±20,±30	506.0	1.15	0.85
SDRH104R-221M,N	100KHz/1.0V	220	±20,±30	756.0	0.92	0.70
SDRH104R-331M,N	100KHz/1.0V	330	±20,±30	1090.0	0.70	0.52

- 1、 Inductance is measured with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、 D.C .R is measured with a Digital Multimeter TH2512B or equivalent.
- 3、 The Isat is the current at which the inductance decreases by 35% from the initial value
- 4、 The Irms by Stand-Type is the current at which the temperature rise is ΔT≤40°C, whichever (Ta=20°C)