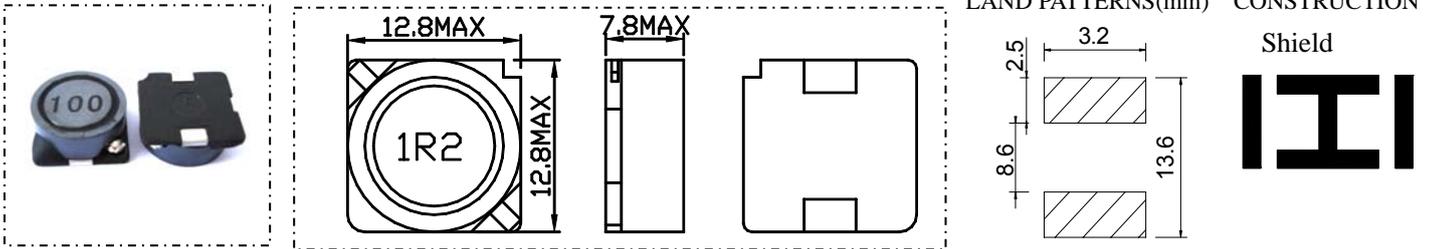


SDRB1275

Inductance Range: 1.2 μ H~220 μ H
Temperature Range: -40 $^{\circ}$ C~+105 $^{\circ}$ C

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 500pcs
- ★High current & low DCR, Quadrate12.8mm Max, Height7.5mm Typ.
- ★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 (μ H)	Tolerance (%)	D.C.R(m Ω) Max.	Rated Current(A)
SDRB1275-1R2N	100KHz/0.3V	1.2	\pm 30	8.28	13.00
SDRB1275-2R7N	100KHz/0.3V	2.7	\pm 30	11.28	10.00
SDRB1275-3R3N	100KHz/0.3V	3.3	\pm 30	12.00	9.50
SDRB1275-3R9N	100KHz/0.3V	3.9	\pm 30	12.48	9.00
SDRB1275-4R7N	100KHz/0.3V	4.7	\pm 30	13.50	8.50
SDRB1275-5R6N	100KHz/0.3V	5.6	\pm 30	13.92	7.80
SDRB1275-6R8N	100KHz/0.3V	6.8	\pm 30	15.72	7.20
SDRB1275-100M	1KHz/0.3V	10	\pm 20	18.72	5.50
SDRB1275-150M	1KHz/0.3V	15	\pm 20	22.08	4.70
SDRB1275-220M	1KHz/0.3V	22	\pm 20	31.56	4.00
SDRB1275-330M	1KHz/0.3V	33	\pm 20	47.40	3.20
SDRB1275-470M	1KHz/0.3V	47	\pm 20	63.36	2.70
SDRB1275-680M	1KHz/0.3V	68	\pm 20	93.36	2.00
SDRB1275-101M	1KHz/0.3V	100	\pm 20	150.00	1.90
SDRB1275-151M	1KHz/0.3V	150	\pm 20	210.00	1.50
SDRB1275-221M	1KHz/0.3V	220	\pm 20	309.60	1.30

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. Rated Current: The rated current is the current at which the inductance decreases by 25% from the initial value or the temperature rise is $\Delta T=40^{\circ}$ C ,whichever is smaller($T_a=20^{\circ}$ C).