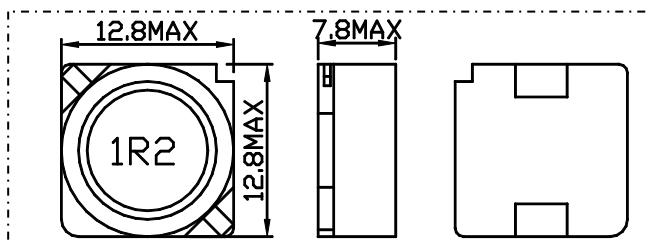


EDRB1275

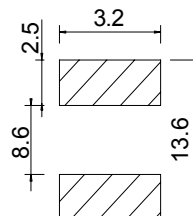
Inductance Range: 1.2 μ H~220 μ H

Temperature Range: -40 $^{\circ}$ C~+105 $^{\circ}$ C

DIMENSIONS(mm)



LAND PATTERNS(mm)



CONSTRUCTION

Shield



FEATURES:

- ★Quantity / Reel: 500pcs
- ★High current & low DCR, Quadrate12.8mm Max, Heigh7.5mm 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)
EDRB1275-1R2N	100KHz/0.3V	1.2	$\pm$ 30	8.28	13.00
EDRB1275-2R7N	100KHz/0.3V	2.7	$\pm$ 30	11.28	10.00
EDRB1275-3R3N	100KHz/0.3V	3.3	$\pm$ 30	12.00	9.50
EDRB1275-3R9N	100KHz/0.3V	3.9	$\pm$ 30	12.48	9.00
EDRB1275-4R7N	100KHz/0.3V	4.7	$\pm$ 30	13.50	8.50
EDRB1275-5R6N	100KHz/0.3V	5.6	$\pm$ 30	13.92	7.80
EDRB1275-6R8N	100KHz/0.3V	6.8	$\pm$ 30	15.72	7.20
EDRB1275-100M	1KHz/0.3V	10	$\pm$ 20	18.72	5.50
EDRB1275-150M	1KHz/0.3V	15	$\pm$ 20	22.08	4.70
EDRB1275-220M	1KHz/0.3V	22	$\pm$ 20	31.56	4.00
EDRB1275-330M	1KHz/0.3V	33	$\pm$ 20	47.40	3.20
EDRB1275-470M	1KHz/0.3V	47	$\pm$ 20	63.36	2.70
EDRB1275-680M	1KHz/0.3V	68	$\pm$ 20	93.36	2.00
EDRB1275-101M	1KHz/0.3V	100	$\pm$ 20	150.00	1.90
EDRB1275-151M	1KHz/0.3V	150	$\pm$ 20	210.00	1.50
EDRB1275-221M	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).