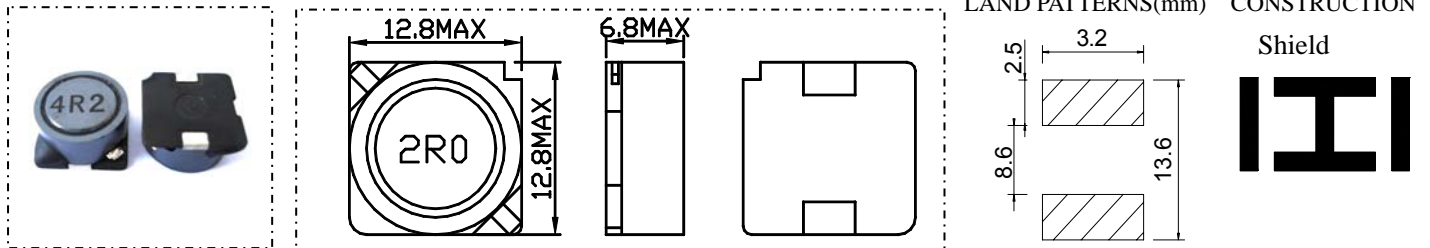


EDRB1265

Inductance Range: 2.0 μ H~220 μ H

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

DIMENSIONS(mm)



RoHS Compliant(SGS Certified Result)

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



FEATURES:

- ★Quantity / Reel: 500pcs
- ★High current & low DCR, Quadrate12.8mm Max, Heigh6.5mm 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

Electrical Characteristics:

Part Number	Test Condition	Inductance (μ H)	Tolerance (%)	D.C.R(m Ω) Max.	Rated Current(A)
EDRB1265-2R0N	100KHz/0.3V	2.0	\pm 30	14.00	10.00
EDRB1265-4R2N	100KHz/0.3V	4.2	\pm 30	18.00	7.30
EDRB1265-7R0N	100KHz/0.3V	7.0	\pm 30	21.24	5.70
EDRB1265-100M	1KHz/0.3V	10	\pm 20	24.24	5.00
EDRB1265-150M	1KHz/0.3V	15	\pm 20	28.44	4.20
EDRB1265-220M	1KHz/0.3V	22	\pm 20	37.92	3.50
EDRB1265-330M	1KHz/0.3V	33	\pm 20	48.72	2.80
EDRB1265-470M	1KHz/0.3V	47	\pm 20	69.36	2.40
EDRB1265-680M	1KHz/0.3V	68	\pm 20	94.44	2.00
EDRB1265-101M	1KHz/0.3V	100	\pm 20	147.60	1.60
EDRB1265-221M	1KHz/0.3V	220	\pm 20	327.60	1.00

- 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).