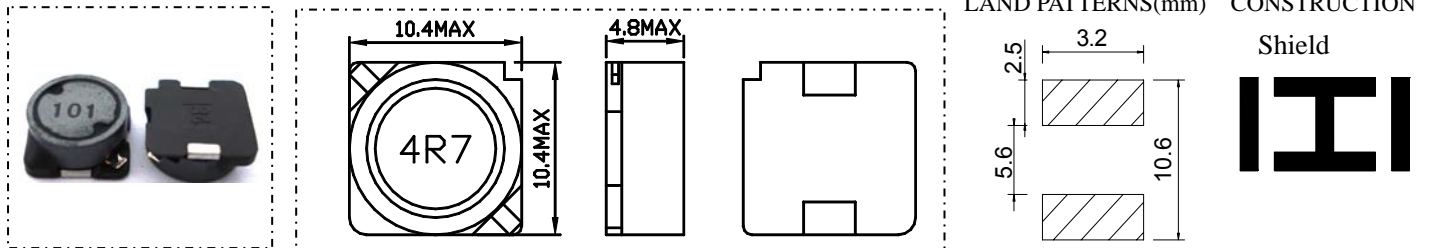


EDRB1005L

Inductance Range: 4.7 μ H~1500 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: 750pcs
- ★High current & low DCR, Quadrate10.4mm Max, Height4.5mm 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(Ω) Max.	Rated Current(A)
EDRB1005L-4R7M	100KHz/0.3V	4.7	\pm 20	40.80m	3.60
EDRB1005L-6R8M	100KHz/0.3V	6.8	\pm 20	42.00m	3.50
EDRB1005L-100M	1KHz/0.3V	10	\pm 20	43.68m	3.00
EDRB1005L-150M	1KHz/0.3V	15	\pm 20	56.64m	2.40
EDRB1005L-220M	1KHz/0.3V	22	\pm 20	70.92m	2.10
EDRB1005L-330M	1KHz/0.3V	33	\pm 20	98.40m	1.60
EDRB1005L-470M	1KHz/0.3V	47	\pm 20	0.120	1.40
EDRB1005L-680M	1KHz/0.3V	68	\pm 20	0.168	1.20
EDRB1005L-101M	1KHz/0.3V	100	\pm 20	0.240	1.00
EDRB1005L-151M	1KHz/0.3V	150	\pm 20	0.420	0.79
EDRB1005L-221M	1KHz/0.3V	220	\pm 20	0.564	0.65
EDRB1005L-331M	1KHz/0.3V	330	\pm 20	0.816	0.54
EDRB1005L-471M	1KHz/0.3V	470	\pm 20	1.236	0.47
EDRB1005L-681M	1KHz/0.3V	680	\pm 20	1.920	0.38
EDRB1005L-102M	1KHz/0.3V	1000	\pm 20	3.360	0.32
EDRB1005L-152M	1KHz/0.3V	1500	\pm 20	4.080	0.22

- 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).