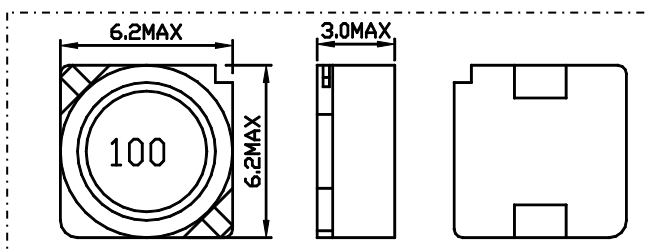


EDRB6030

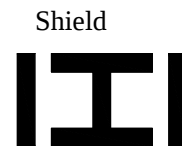
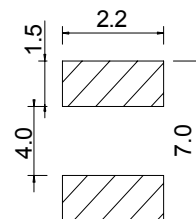
Inductance Range: 10 μ H~330 μ H

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

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 2000pcs
- ★High current & low DCR, Quadrate 6.2mm Max, Height 2.6mm 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(Ω) Max.	Rated Current(A)
EDRB6030-100M	1KHz/0.3V	10	± 20	0.15	1.10
EDRB6030-120M	1KHz/0.3V	12	± 20	0.20	1.00
EDRB6030-150M	1KHz/0.3V	15	± 20	0.23	0.90
EDRB6030-180M	1KHz/0.3V	18	± 20	0.27	0.80
EDRB6030-220M	1KHz/0.3V	22	± 20	0.34	0.74
EDRB6030-270M	1KHz/0.3V	27	± 20	0.38	0.66
EDRB6030-330M	1KHz/0.3V	33	± 20	0.45	0.59
EDRB6030-390M	1KHz/0.3V	39	± 20	0.49	0.54
EDRB6030-470M	1KHz/0.3V	47	± 20	0.69	0.50
EDRB6030-560M	1KHz/0.3V	56	± 20	0.78	0.46
EDRB6030-680M	1KHz/0.3V	68	± 20	1.07	0.42
EDRB6030-820M	1KHz/0.3V	82	± 20	1.21	0.38
EDRB6030-101M	1KHz/0.3V	100	± 20	1.39	0.34
EDRB6030-121M	1KHz/0.3V	120	± 20	1.90	0.31
EDRB6030-151M	1KHz/0.3V	150	± 20	2.18	0.28
EDRB6030-181M	1KHz/0.3V	180	± 20	2.77	0.26
EDRB6030-221M	1KHz/0.3V	220	± 20	3.12	0.23
EDRB6030-271M	1KHz/0.3V	270	± 20	4.38	0.22
EDRB6030-331M	1KHz/0.3V	330	± 20	4.94	0.19

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 $\Delta T = 40^{\circ}\text{C}$, whichever is smaller ($T_a = 20^{\circ}\text{C}$).