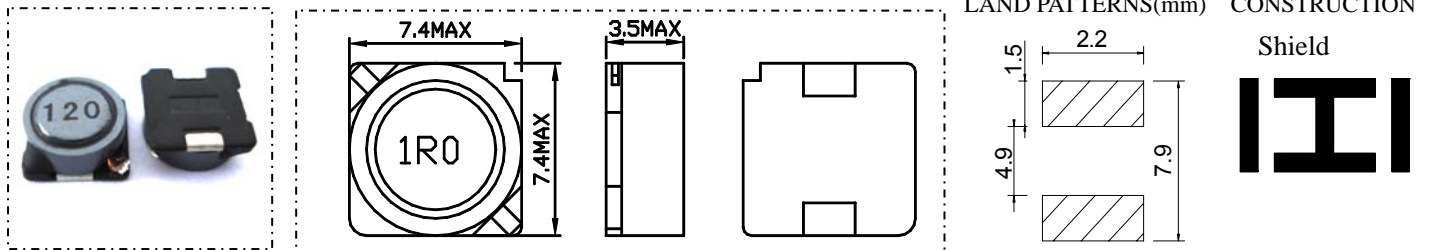


## EDRB7635

**Inductance Range:** 1.0 $\mu$ H~100 $\mu$ H

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

### DIMENSIONS(mm)



### FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Quadrate 7.4mm Max, Height 3.3mm 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 ( $\mu$ H)	Tolerance (%)	D.C.R(m $\Omega$ ) Max.	Rated Current(A)
EDRB7635-1R0M	100KHz/0.3V	1.0	$\pm$ 20	19	3.12
EDRB7635-1R5M	100KHz/0.3V	1.5	$\pm$ 20	23	2.85
EDRB7635-2R2M	100KHz/0.3V	2.2	$\pm$ 20	28	2.66
EDRB7635-3R3M	100KHz/0.3V	3.3	$\pm$ 20	35	2.26
EDRB7635-4R7M	100KHz/0.3V	4.7	$\pm$ 20	43	1.96
EDRB7635-6R8M	100KHz/0.3V	6.8	$\pm$ 20	55	1.76
EDRB7635-100M	1KHz/0.3V	10	$\pm$ 20	80	1.34
EDRB7635-120M	1KHz/0.3V	12	$\pm$ 20	90	1.23
EDRB7635-150M	1KHz/0.3V	15	$\pm$ 20	120	1.09
EDRB7635-180M	1KHz/0.3V	18	$\pm$ 20	130	0.99
EDRB7635-220M	1KHz/0.3V	22	$\pm$ 20	150	0.90
EDRB7635-270M	1KHz/0.3V	27	$\pm$ 20	210	0.81
EDRB7635-330M	1KHz/0.3V	33	$\pm$ 20	250	0.72
EDRB7635-390M	1KHz/0.3V	39	$\pm$ 20	310	0.67
EDRB7635-470M	1KHz/0.3V	47	$\pm$ 20	350	0.60
EDRB7635-560M	1KHz/0.3V	56	$\pm$ 20	430	0.55
EDRB7635-680M	1KHz/0.3V	68	$\pm$ 20	520	0.50
EDRB7635-820M	1KHz/0.3V	82	$\pm$ 20	600	0.46
EDRB7635-101M	1KHz/0.3V	100	$\pm$ 20	790	0.41

- 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).