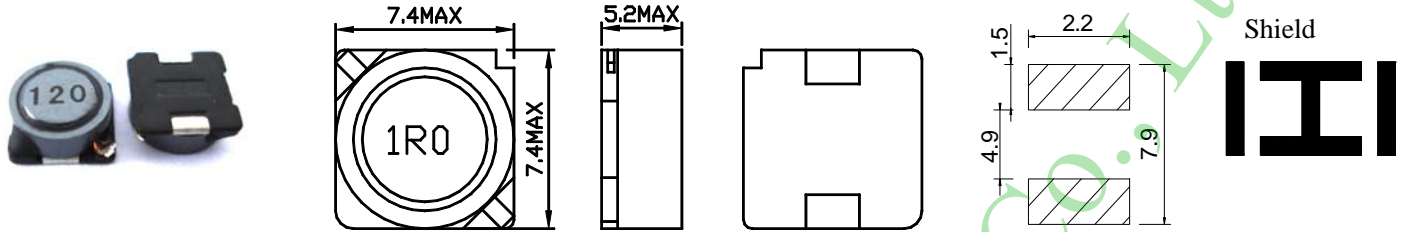


Inductance Range: 3.3μH~1000μH
Temperature Range: -40℃~+125℃

PDRB7650-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Quadrate 7.4mm Max, Height 5.2mm Type.
- ★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 (μH)	Tolerance (%)	D.C.R(mΩ) Max.	Rated Current(A)
PDRB7650-3R3M	100KHz/0.3V	3.3	±20	24	2.5
PDRB7650-4R7M	100KHz/0.3V	4.7	±20	36	2
PDRB7650-6R8M	100KHz/0.3V	6.8	±20	40.8	1.7
PDRB7650-100M	100KHz/0.3V	10	±20	43.2	1.3
PDRB7650-150M	100KHz/0.3V	15	±20	62.4	1.1
PDRB7650-220M	100KHz/0.3V	22	±20	73.2	0.9
PDRB7650-330M	1KHz/0.3V	33	±20	115.2	0.82
PDRB7650-470M	1KHz/0.3V	47	±20	168	0.75
PDRB7650-680M	1KHz/0.3V	68	±20	210	0.6
PDRB7650-101M	1KHz/0.3V	100	±20	300	0.5
PDRB7650-151M	1KHz/0.3V	150	±20	490	0.4
PDRB7650-221M	1KHz/0.3V	220	±20	700	0.33
PDRB7650-3310M	1KHz/0.3V	330	±20	1000	0.25
PDRB7650-471M	1KHz/0.3V	470	±20	1500	0.22
PDRB7650-681M	1KHz/0.3V	680	±20	2000	0.2
PDRB7650-102M	1KHz/0.3V	1000	±20	3360	0.14

- 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 ΔT=40℃ , whichever is smaller(Ta=20℃).