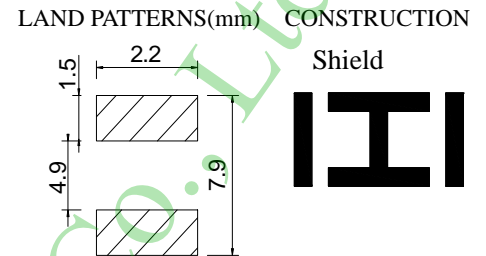
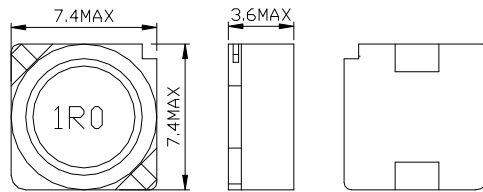


PDRB7635-Series

Inductance Range: 1.0μH~100μH
Temperature Range: -40℃~+125℃

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Quadrate 7.4mm Max, Height 3.6mm 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)
PDRB7635-1R0M	100KHz/0.3V	1.0	±20	19	3.12
PDRB7635-1R5M	100KHz/0.3V	1.5	±20	23	2.85
PDRB7635-2R2M	100KHz/0.3V	2.2	±20	28	2.66
PDRB7635-3R3M	100KHz/0.3V	3.3	±20	35	2.26
PDRB7635-4R7M	100KHz/0.3V	4.7	±20	43	1.96
PDRB7635-6R8M	100KHz/0.3V	6.8	±20	55	1.76
PDRB7635-100M	1KHz/0.3V	10	±20	80	1.34
PDRB7635-120M	1KHz/0.3V	12	±20	90	1.23
PDRB7635-150M	1KHz/0.3V	15	±20	120	1.09
PDRB7635-180M	1KHz/0.3V	18	±20	130	0.99
PDRB7635-220M	1KHz/0.3V	22	±20	150	0.90
PDRB7635-270M	1KHz/0.3V	27	±20	210	0.81
PDRB7635-330M	1KHz/0.3V	33	±20	250	0.72
PDRB7635-390M	1KHz/0.3V	39	±20	310	0.67
PDRB7635-470M	1KHz/0.3V	47	±20	350	0.60
PDRB7635-560M	1KHz/0.3V	56	±20	430	0.55
PDRB7635-680M	1KHz/0.3V	68	±20	520	0.50
PDRB7635-820M	1KHz/0.3V	82	±20	600	0.46
PDRB7635-101M	1KHz/0.3V	100	±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 ΔT=40℃ ,whichever is smaller(Ta=20℃).