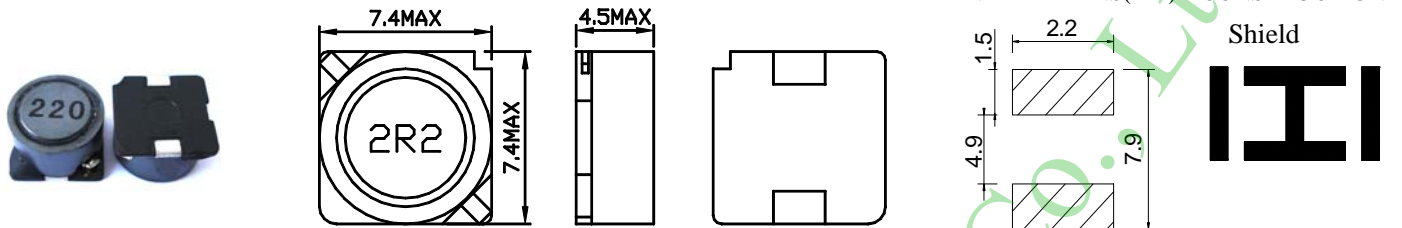


Inductance Range: 2.2μH~330μH
Temperature Range: -40℃~+125℃

PDRB7645-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Quadrate 7.4mm Max, Height 4.5mm 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)
PDRB7645-2R2M	100KHz/0.3V	2.2	±20	30	2.46
PDRB7645-3R3M	100KHz/0.3V	3.3	±20	35	2.28
PDRB7645-4R7M	100KHz/0.3V	4.7	±20	41	2.08
PDRB7645-6R8M	100KHz/0.3V	6.8	±20	47	1.94
PDRB7645-100M	1KHz/0.3V	10	±20	50	1.68
PDRB7645-120M	1KHz/0.3V	12	±20	70	1.54
PDRB7645-150M	1KHz/0.3V	15	±20	80	1.39
PDRB7645-180M	1KHz/0.3V	18	±20	90	1.26
PDRB7645-220M	1KHz/0.3V	22	±20	110	1.13
PDRB7645-270M	1KHz/0.3V	27	±20	150	1.02
PDRB7645-330M	1KHz/0.3V	33	±20	170	0.84
PDRB7645-390M	1KHz/0.3V	39	±20	180	0.80
PDRB7645-470M	1KHz/0.3V	47	±20	200	0.76
PDRB7645-560M	1KHz/0.3V	56	±20	280	0.64
PDRB7645-680M	1KHz/0.3V	68	±20	320	0.60
PDRB7645-820M	1KHz/0.3V	82	±20	350	0.57
PDRB7645-101M	1KHz/0.3V	100	±20	400	0.50
PDRB7645-221M	1KHz/0.3V	220	±20	620	0.33
PDRB7645-331M	1KHz/0.3V	330	±20	940	0.27

- 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℃).