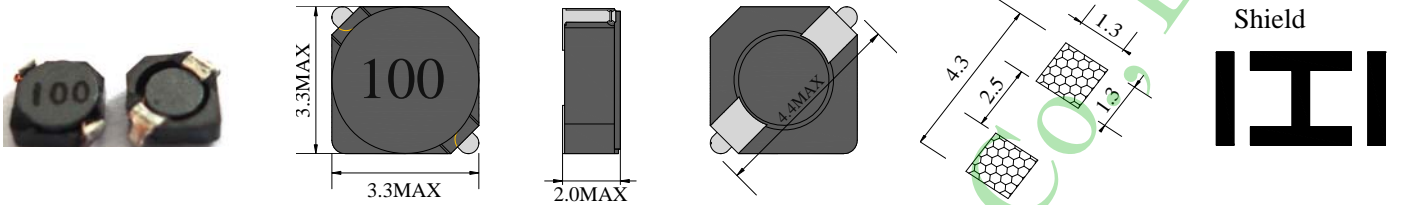


### PDRH2D18B-Series

**Inductance Range: 2.2μH~47μH**  
**Temperature Range: -40℃~+125℃**

#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel: 3000PCS
- ★Small products, Quadrate 3.3mm Max, Height 2.0 mm Type.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/  
PDA/MP3 & MP4 player/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)
PDRH2D18B-2R2M,N	100KHz/0.3V	2.2	±20,±30	41	0.85
PDRH2D18B-3R3M,N	100KHz/0.3V	3.3	±20,±30	54	0.75
PDRH2D18B-4R7M,N	100KHz/0.3V	4.7	±20,±30	78	0.63
PDRH2D18B-6R8M,N	100KHz/0.3V	6.8	±20,±30	106	0.52
PDRH2D18B-100M,N	100KHz/0.3V	10	±20,±30	180	0.43
PDRH2D18B-150M,N	100KHz/0.3V	15	±20,±30	220	0.35
PDRH2D18B-220M,N	100KHz/0.3V	22	±20,±30	320	0.30
PDRH2D18B-330M,N	100KHz/0.3V	33	±20,±30	460	0.24
PDRH2D18B-470M,N	100KHz/0.3V	47	±20,±30	660	0.20

- 1、Inductance is measurPD with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、D.C .R is measurPD with a Digital Multimeter TH2512B or equivalent.
- 3、RatPD Current: The ratPD current is the current at which the inductance decreases by 35% from the initial value or the temperature rise is ΔT=40℃ ,whichever is smaller(Ta=20℃).