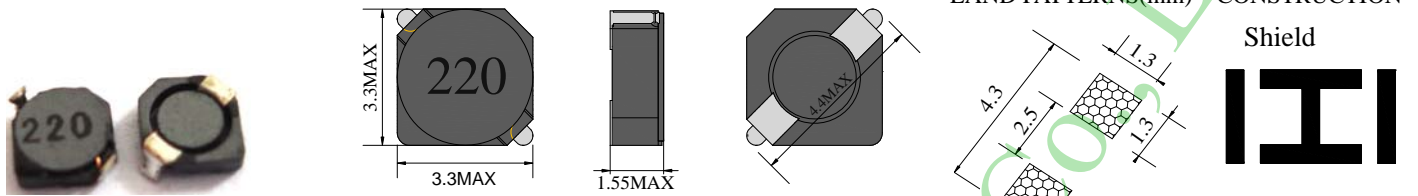


### PDRH2D14-Series

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

#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel:3000PCS
- ★Small products, Quadrate 3.3mm Max, Height 1.55 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)
PDRH2D14-1R0M,N	100KHz/0.1V	1.0	±20,±30	58.0	1.95
PDRH2D14-1R5M,N	100KHz/0.1V	1.5	±20,±30	63.0	1.80
PDRH2D14-1R8M,N	100KHz/0.1V	1.8	±20,±30	75.0	1.65
PDRH2D14-2R2M,N	100KHz/0.1V	2.2	±20,±30	94.0	1.50
PDRH2D14-2R7M,N	100KHz/0.1V	2.7	±20,±30	106.0	1.35
PDRH2D14-3R3M,N	100KHz/0.1V	3.3	±20,±30	125.0	1.20
PDRH2D14-3R9M,N	100KHz/0.1V	3.9	±20,±30	138.0	1.10
PDRH2D14-4R7M,N	100KHz/0.1V	4.7	±20,±30	169.0	1.00
PDRH2D14-5R6M,N	100KHz/0.1V	5.6	±20,±30	188.0	0.95
PDRH2D14-6R8M,N	100KHz/0.1V	6.8	±20,±30	213.0	0.85
PDRH2D14-8R2M,N	100KHz/0.1V	8.2	±20,±30	281.0	0.80
PDRH2D14-100M,N	100KHz/0.1V	10	±20,±30	294.0	0.70
PDRH2D14-120M,N	100KHz/0.1V	12	±20,±30	394.0	0.62
PDRH2D14-220M,N	100KHz/0.1V	22	±20,±30	781.8	0.40
PDRH2D14-680M,N	100KHz/0.1V	68	±20,±30	2760.0	0.25
PDRH2D14-820M,N	100KHz/0.1V	82	±20,±30	3000.0	0.20
PDRH2D14-101M,N	100KHz/0.1V	100	±20,±30	5350.0	0.15

- 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 35% from the initial value or the temperature rise is  $\Delta T=40^{\circ}\text{C}$  ,whichever is smaller( $T_a=20^{\circ}\text{C}$ ).