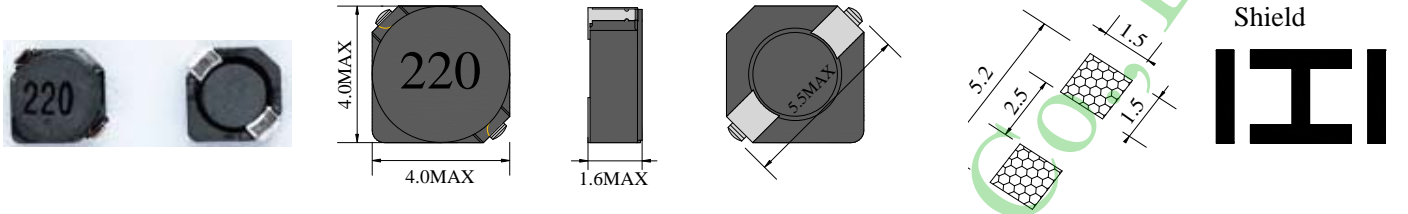


Inductance Range: 1.2μH~47μH
Temperature Range: -40℃~+125℃

PDRH3D14A-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 3000PCS
- ★Small products, Quadrate 4.0mm Max, Height 1.6 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(Ω) Max.	Rated Current(A)
PDRH3D14A-1R2N	100KHz/0.1V	1.2	±30	0.038	2.70
PDRH3D14A-1R5N	100KHz/0.1V	1.5	±30	0.048	2.40
PDRH3D14A-2R0N	100KHz/0.1V	2.0	±30	0.055	2.20
PDRH3D14A-2R2N	100KHz/0.1V	2.2	±20,±30	0.055	2.20
PDRH3D14A-2R5M	100KHz/0.1V	2.5	±30	0.068	1.90
PDRH3D14A-3R0M	100KHz/0.1V	3.0	±30	0.077	1.60
PDRH3D14A-3R9M	100KHz/0.1V	3.9	±30	0.096	1.50
PDRH3D14A-4R5M	100KHz/0.1V	4.5	±30	0.105	1.45
PDRH3D14A-5R6M	100KHz/0.1V	5.6	±30	0.159	1.10
PDRH3D14A-6R8M	100KHz/0.1V	6.8	±30	0.173	1.05
PDRH3D14A-100M	100KHz/0.1V	10	±20,±30	0.220	1.00
PDRH3D14A-120M	100KHz/0.1V	12	±20,±30	0.270	0.80
PDRH3D14A-150M	100KHz/0.1V	15	±20,±30	0.302	0.75
PDRH3D14A-220M	100KHz/0.1V	22	±20,±30	0.447	0.60
PDRH3D14A-330M	100KHz/0.1V	33	±20,±30	0.848	0.40
PDRH3D14A-470M	100KHz/0.1V	47	±20,±30	1.080	0.35

- 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($T_a=20^{\circ}\text{C}$).