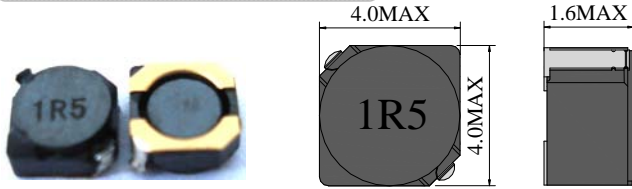


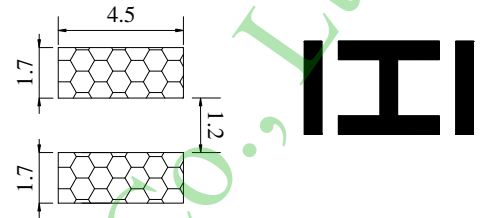
PDRH3D14-Series

Inductance Range: 1.2 μ H~47 μ H
 Temperature Range: -40 $^{\circ}$ C ~ +125 $^{\circ}$ C

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION Shield



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 (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDRH3D14-1R2N	100KHz/0.1V	1.2	\pm 30	0.038	2.70
PDRH3D14-1R5N	100KHz/0.1V	1.5	\pm 30	0.048	2.40
PDRH3D14-2R0N	100KHz/0.1V	2.0	\pm 30	0.055	2.20
PDRH3D14-2R2N	100KHz/0.1V	2.2	\pm 20, \pm 30	0.055	2.20
PDRH3D14-2R5M	100KHz/0.1V	2.5	\pm 30	0.068	1.90
PDRH3D14-3R0M	100KHz/0.1V	3.0	\pm 30	0.077	1.60
PDRH3D14-3R9M	100KHz/0.1V	3.9	\pm 30	0.096	1.50
PDRH3D14-4R5M	100KHz/0.1V	4.5	\pm 30	0.105	1.45
PDRH3D14-5R6M	100KHz/0.1V	5.6	\pm 30	0.159	1.10
PDRH3D14-6R8M	100KHz/0.1V	6.8	\pm 30	0.173	1.05
PDRH3D14-100M	100KHz/0.1V	10	\pm 20, \pm 30	0.220	1.00
PDRH3D14-120M	100KHz/0.1V	12	\pm 20, \pm 30	0.270	0.80
PDRH3D14-150M	100KHz/0.1V	15	\pm 20, \pm 30	0.302	0.75
PDRH3D14-220M	100KHz/0.1V	22	\pm 20, \pm 30	0.447	0.60
PDRH3D14-330M	100KHz/0.1V	33	\pm 20, \pm 30	0.848	0.40
PDRH3D14-470M	100KHz/0.1V	47	\pm 20, \pm 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 $\Delta T=40^{\circ}$ C ,whichever is smaller($T_a=20^{\circ}$ C).