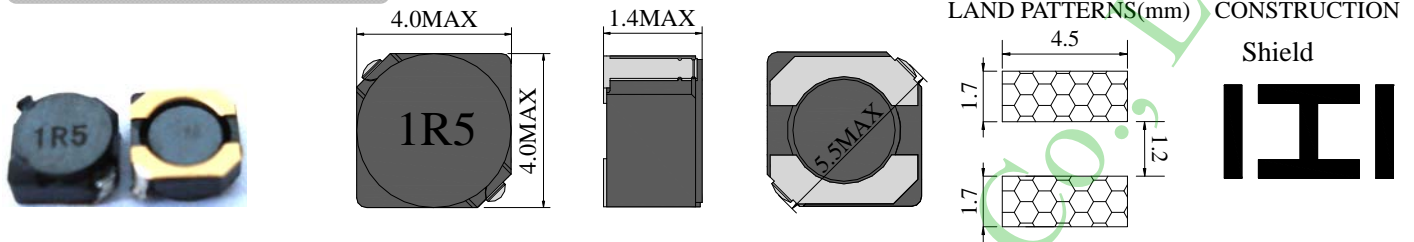


Inductance Range: 2.7 μ H~47 μ H
Temperature Range: -40 $^{\circ}$ C~+125 $^{\circ}$ C

PDRH3D11-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 3000PCS
- ★Small products, Quadrate 4.0mm Max, Height 1.4 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)
PDRH3D11-2R7N	100KHz/0.1V	2.7	\pm 30	0.105	1.80
PDRH3D11-4R7N	100KHz/0.1V	4.7	\pm 30	0.156	1.65
PDRH3D11-6R8N	100KHz/0.1V	6.8	\pm 30	0.225	1.50
PDRH3D11-8R2N	100KHz/0.1V	8.2	\pm 30	0.294	1.35
PDRH3D11-100M	100KHz/0.1V	10	\pm 20	0.338	1.20
PDRH3D11-120M	100KHz/0.1V	12	\pm 20	0.418	1.1
PDRH3D11-150M	100KHz/0.1V	15	\pm 20	0.550	1.00
PDRH3D11-180M	100KHz/0.1V	18	\pm 20	0.628	0.95
PDRH3D11-220M	100KHz/0.1V	22	\pm 20	0.731	0.85
PDRH3D11-330M	100KHz/0.1V	33	\pm 20	0.855	0.80
PDRH3D11-470M	100KHz/0.1V	47	\pm 20	0.978	0.76

- 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).