

Inductance Range: 1.5μH~100μH
Temperature Range: -40°C~+125°C

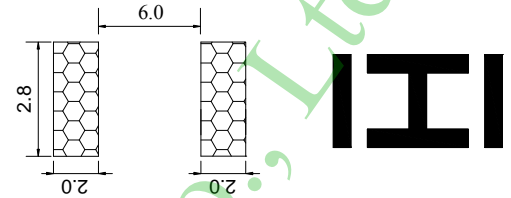
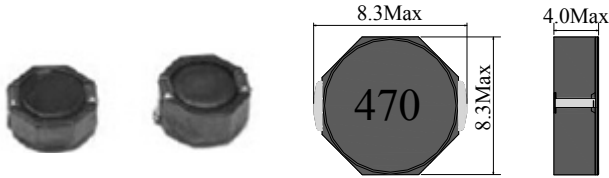
PDRH8D38-Series

LAND PATTERNS(mm)

CONSTRUCTION

Shield

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000PCS
- ★Small products, Quadrate 8.3mm Max, Height 4.0 mm Max 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	Marking	Test Condition	Inductance (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDRH-8D38-1R5	1R5	100kHz/0.25V	1.5	±20,±30	15.6m	7.0
PDRH-8D38-1R8	1R8	100kHz/0.25V	1.8	±20,±30	15.6m	6.8
PDRH-8D38-2R2	2R2	100kHz/0.25V	2.2	±20,±30	19.2m	6.2
PDRH-8D38-2R5	2R5	100kHz/0.25V	2.5	±20,±30	18.0m	6.0
PDRH-8D38-3R5	3R5	100kHz/0.25V	3.5	±20,±30	24.0m	5.0
PDRH-8D38-4R7	4R7	100kHz/0.25V	4.7	±20,±30	29.0m	4.4
PDRH-8D38-6R0	6R0	100kHz/0.25V	6.0	±20,±30	32.0m	4.0
PDRH-8D38-100□	100	100kHz/0.25V	10	±20,±30	48.0m	3.0
PDRH-8D38-150□	150	100kHz/0.25V	15	±20,±30	67.0m	2.5
PDRH-8D38-220□	220	100kHz/0.25V	22	±20,±30	0.105	2.0
PDRH-8D38-330□	330	100kHz/0.25V	33	±20,±30	0.157	1.6
PDRH-8D38-470□	470	100kHz/0.25V	47	±20,±30	0.189	1.42
PDRH-8D38-680	680	100kHz/0.25V	68	±20,±30	0.290	1.08
PDRH-8D38-101	101	100kHz/0.25V	100	±20,±30	0.410	0.88

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