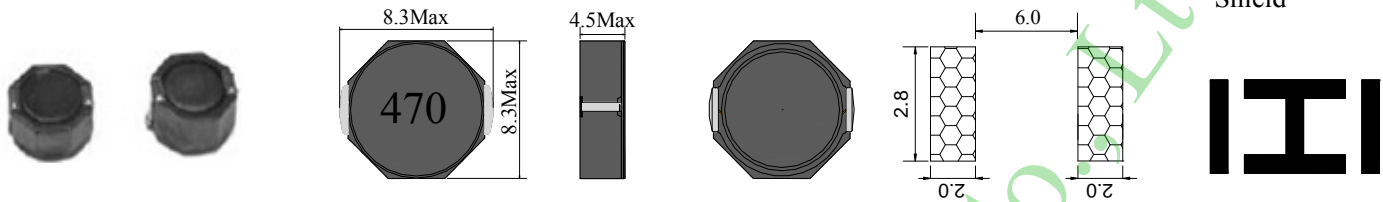


**Inductance Range: 1.0μH~120μH**  
**Temperature Range: -40°C~+125°C**

### PDRH8D43-Series

#### DIMENSIONS(mm)

LANDPATTERNS(mm) CONSTRUCTION Shield



#### FEATURES:

- ★Quantity / Reel: 1000PCS
- ★Small products, Quadrate 8.3mm Max, Height 4.5 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-8D43-1R0	1R0	100kHz/0.25V	1.0	±30	12.2m	6.2
PDRH-8D43-1R2	1R2	100kHz/0.25V	1.2	±30	12.2m	6.2
PDRH-8D43-2R0	2R0	100kHz/0.25V	2	±30	14m	5.5
PDRH-8D43-2R2	2R2	100kHz/0.25V	2.2	±30	16m	5
PDRH-8D43-3R6	3R6	100kHz/0.25V	3.6	±20,±30	19m	4.5
PDRH-8D43-3R9	3R9	100kHz/0.25V	3.9	±30	19m	4.5
PDRH-8D43-4R7	4R7	100kHz/0.25V	4.7	±20,±30	22m	4.1
PDRH-8D43-6R8	6R8	100kHz/0.25V	6.8	±20,±30	25m	3.9
PDRH-8D43-8R2	8R2	100kHz/0.25V	8.2	±20,±30	33m	3.6
PDRH-8D43-100	100	100kHz/0.25V	10	±20,±30	36m	3.2
PDRH-8D43-150	150	100kHz/0.25V	15	±20,±30	62m	2.3
PDRH-8D43-220	220	100kHz/0.25V	22	±20,±30	75m	1.8
PDRH-8D43-330	330	100kHz/0.25V	33	±20,±30	0.125	1.14
PDRH-8D43-470	470	100kHz/0.25V	47	±20,±30	0.15	1.3
PDRH-8D43-680	680	100kHz/0.25V	68	±20,±30	0.24	1
PDRH-8D43-101	101	100kHz/0.25V	100	±20,±30	0.36	0.8
PDRH-8D43-121	121	100kHz/0.25V	120	±20,±30	0.51	0.7

- 1、 Inductance is measurPD with a LCR meter:HP4284A & 3532-50 or equivalent.
- 2、 D.C .R is measurPD with a Digital Multimeter TH2512B or equivalent.
- 3、 RatPD Current: The ratPD current is the current at which the inductance decreases by 35% from the initial value or the temperature rise is  $\Delta T = 40^{\circ}\text{C}$  ,whichecker is smaller( $T_a = 20^{\circ}\text{C}$ ).