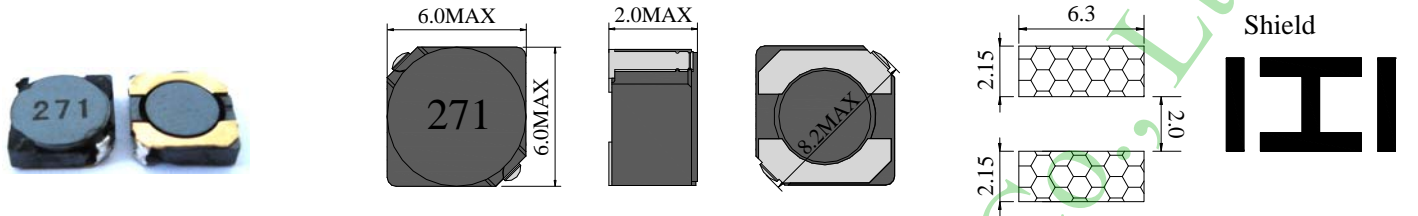


Inductance Range: 3.3μH~330μH
Temperature Range: -40℃~+125℃

PDRH5D18-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 2000PCS
- ★Small products, Quadrate 6.0mm Max, Height 2.0 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)
PDRH5D18-3R3M,N	10KHz/0.1V	3.3	±20,±30	47m	2.07
PDRH5D18-4R1M,N	10KHz/0.1V	4.1	±20,±30	57m	1.95
PDRH5D18-5R4M,N	10KHz/0.1V	5.4	±20,±30	76m	1.60
PDRH5D18-6R2M,N	10KHz/0.1V	6.2	±20,±30	96m	1.40
PDRH5D18-6R8M,N	10KHz/0.1V	6.8	±20,±30	96m	1.30
PDRH5D18-8R9M,N	10KHz/0.1V	8.9	±20,±30	0.116	1.25
PDRH5D18-100M,N	10KHz/0.1V	10	±20,±30	0.124	1.20
PDRH5D18-120M,N	10KHz/0.1V	12	±20,±30	0.153	1.10
PDRH5D18-150M,N	10KHz/0.1V	15	±20,±30	0.196	0.97
PDRH5D18-180M,N	10KHz/0.1V	18	±20,±30	0.210	0.85
PDRH5D18-220M,N	10KHz/0.1V	22	±20,±30	0.290	0.80
PDRH5D18-270M,N	10KHz/0.1V	27	±20,±30	0.330	0.75
PDRH5D18-330M,N	10KHz/0.1V	33	±20,±30	0.386	0.65
PDRH5D18-390M,N	10KHz/0.1V	39	±20,±30	0.520	0.57
PDRH5D18-470M,N	10KHz/0.1V	47	±20,±30	0.595	0.54
PDRH5D18-560M,N	10KHz/0.1V	56	±20,±30	0.665	0.50
PDRH5D18-680M,N	10KHz/0.1V	68	±20,±30	0.840	0.43
PDRH5D18-820M,N	10KHz/0.1V	82	±20,±30	0.978	0.41
PDRH5D18-101M,N	10KHz/0.1V	100	±20,±30	1.200	0.36
PDRH5D18-121M,N	10KHz/0.1V	120	±20,±30	1.500	0.33
PDRH5D18-151M,N	10KHz/0.1V	150	±20,±30	1.710	0.31
PDRH5D18-181M,N	10KHz/0.1V	180	±20,±30	2.240	0.28
PDRH5D18-221M,N	10KHz/0.1V	220	±20,±30	2.440	0.23
PDRH5D18-271M,N	10KHz/0.1V	270	±20,±30	3.380	0.21
PDRH5D18-331M,N	10KHz/0.1V	330	±20,±30	4.340	0.18

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