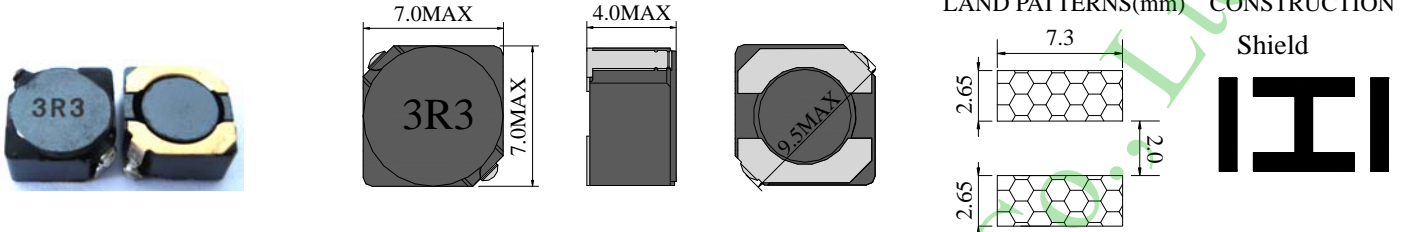


Inductance Range: 3.3μH~1000μH
 Temperature Range: -40℃ ~ +125℃

PDRH6D38-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000PCS
- ★Small products, Quadrate 7.0mm Max, Height 4.0 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)
PDRH6D38-3R3M,N	10KHz/0.1V	3.3	±20,±30	20m	3.50
PDRH6D38-4R7M,N	10KHz/0.1V	4.7	±20,±30	24m	3.00
PDRH6D38-6R2M,N	10KHz/0.1V	6.2	±20,±30	27m	2.50
PDRH6D38-6R8M,N	10KHz/0.1V	6.8	±20,±30	31m	2.30
PDRH6D38-8R2M,N	10KHz/0.1V	8.2	±20,±30	34m	2.20
PDRH6D38-100M,N	10KHz/0.1V	10	±20,±30	38m	2.00
PDRH6D38-120M,N	10KHz/0.1V	12	±20,±30	53m	1.70
PDRH6D38-150M,N	10KHz/0.1V	15	±20,±30	57m	1.60
PDRH6D38-180M,N	10KHz/0.1V	18	±20,±30	92m	1.50
PDRH6D38-220M,N	10KHz/0.1V	22	±20,±30	96m	1.30
PDRH6D38-270M,N	10KHz/0.1V	27	±20,±30	0.109	1.20
PDRH6D38-330M,N	10KHz/0.1V	33	±20,±30	0.124	1.10
PDRH6D38-390M,N	10KHz/0.1V	39	±20,±30	0.138	1.00
PDRH6D38-470M,N	10KHz/0.1V	47	±20,±30	0.155	0.95
PDRH6D38-560M,N	10KHz/0.1V	56	±20,±30	0.202	0.85
PDRH6D38-680M,N	10KHz/0.1V	68	±20,±30	0.234	0.75
PDRH6D38-820M,N	10KHz/0.1V	82	±20,±30	0.324	0.70
PDRH6D38-101M,N	10KHz/0.1V	100	±20,±30	0.358	0.65
PDRH6D38-121M,N	10KHz/0.1V	120	±20,±30	0.470	0.59
PDRH6D38-151M,N	10KHz/0.1V	150	±20,±30	0.580	0.54
PDRH6D38-181M,N	10KHz/0.1V	180	±20,±30	0.690	0.49
PDRH6D38-221M,N	10KHz/0.1V	220	±20,±30	0.890	0.43
PDRH6D38-271M,N	10KHz/0.1V	270	±20,±30	1.290	0.40
PDRH6D38-331M,N	10KHz/0.1V	330	±20,±30	1.700	0.37
PDRH6D38-391M,N	10KHz/0.1V	390	±20,±30	1.750	0.34
PDRH6D38-471M,N	10KHz/0.1V	470	±20,±30	2.200	0.32
PDRH6D38-561M,N	10KHz/0.1V	560	±20,±30	2.850	0.29
PDRH6D38-681M,N	10KHz/0.1V	680	±20,±30	3.200	0.25
PDRH6D38-821M,N	10KHz/0.1V	820	±20,±30	4.050	0.22
PDRH6D38-102M,N	10KHz/0.1V	1000	±20,±30	5.700	0.20

- 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 ΔT=40℃ ,whichever is smaller(Ta=20℃).