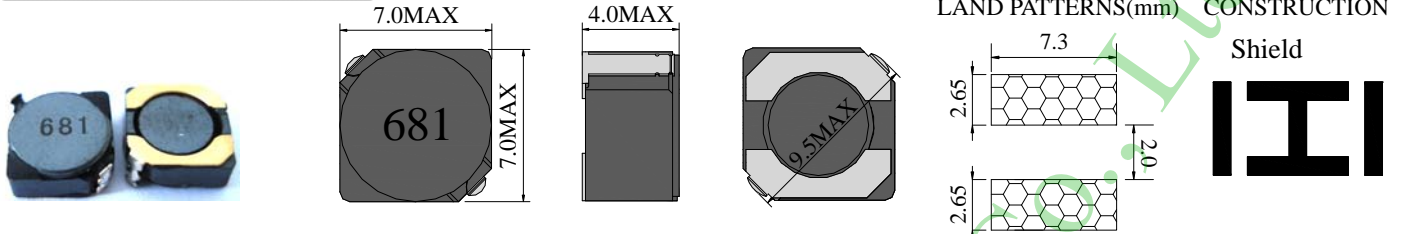


Inductance Range: 3.0μH~680μH  
 Temperature Range: -40°C~+125°C

### PDRH6D28-Series

#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel: 1000PCS
- ★Small products, Quadrate 7.0mm Max, Height 3.0 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)
PDRH6D28-3R0M,N	10KHz/0.1V	3.0	±20,±30	24m	3.00
PDRH6D28-3R3M,N	10KHz/0.1V	3.3	±20,±30	26m	2.60
PDRH6D28-3R9M,N	10KHz/0.1V	3.9	±20,±30	27m	2.60
PDRH6D28-6R0M,N	10KHz/0.1V	6.0	±20,±30	35m	2.25
PDRH6D28-7R3M,N	10KHz/0.1V	7.3	±20,±30	54m	2.10
PDRH6D28-8R6M,N	10KHz/0.1V	8.6	±20,±30	58m	1.85
PDRH6D28-100M,N	10KHz/0.1V	10	±20,±30	65m	1.70
PDRH6D28-120M,N	10KHz/0.1V	12	±20,±30	70m	1.55
PDRH6D28-150M,N	10KHz/0.1V	15	±20,±30	84m	1.40
PDRH6D28-180M,N	10KHz/0.1V	18	±20,±30	95m	1.32
PDRH6D28-220M,N	10KHz/0.1V	22	±20,±30	128m	1.20
PDRH6D28-270M,N	10KHz/0.1V	27	±20,±30	142m	1.05
PDRH6D28-330M,N	10KHz/0.1V	33	±20,±30	165m	0.97
PDRH6D28-390M,N	10KHz/0.1V	39	±20,±30	210m	0.86
PDRH6D28-470M,N	10KHz/0.1V	47	±20,±30	238m	0.80
PDRH6D28-560M,N	10KHz/0.1V	56	±20,±30	277m	0.73
PDRH6D28-680M,N	10KHz/0.1V	68	±20,±30	304m	0.65
PDRH6D28-820M,N	10KHz/0.1V	82	±20,±30	390m	0.60
PDRH6D28-101M,N	10KHz/0.1V	100	±20,±30	0.535	0.54
PDRH6D28-121M,N	10KHz/0.1V	120	±20,±30	0.750	0.51
PDRH6D28-151M,N	10KHz/0.1V	150	±20,±30	0.950	0.47
PDRH6D28-181M,N	10KHz/0.1V	180	±20,±30	1.200	0.41
PDRH6D28-221M,N	10KHz/0.1V	220	±20,±30	1.500	0.37
PDRH6D28-271M,N	10KHz/0.1V	270	±20,±30	1.700	0.33
PDRH6D28-331M,N	10KHz/0.1V	330	±20,±30	2.150	0.28
PDRH6D28-391M,N	10KHz/0.1V	390	±20,±30	2.250	0.27
PDRH6D28-471M,N	10KHz/0.1V	470	±20,±30	3.150	0.21
PDRH6D28-561M,N	10KHz/0.1V	560	±20,±30	3.750	0.20
PDRH6D28-681M,N	10KHz/0.1V	680	±20,±30	5.150	0.20

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