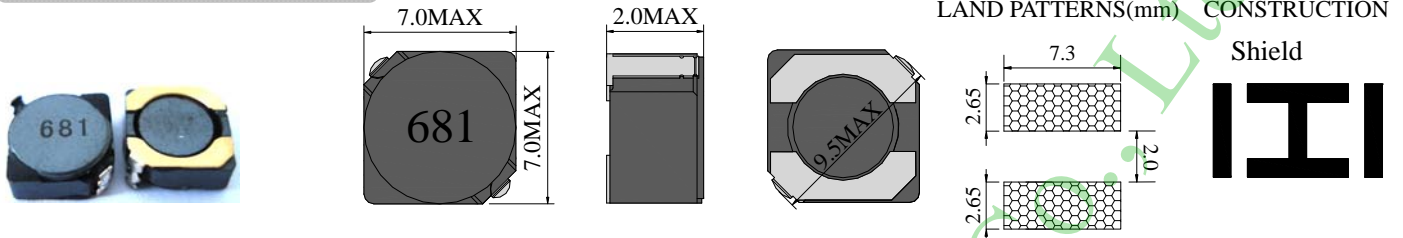


Inductance Range: 1.0μH~120μH
 Temperature Range: -40°C~+125°C

PDRH6D18-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 2000PCS
- ★Small products, Quadrate 7.0mm 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)
PDRH6D18-1R0M,N	10KHz/0.1V	1.0	±20,±30	23m	4.00
PDRH6D18-1R8M,N	10KHz/0.1V	1.8	±20,±30	30m	3.50
PDRH6D18-2R7M,N	10KHz/0.1V	2.7	±20,±30	44m	2.75
PDRH6D18-3R9M,N	10KHz/0.1V	3.9	±20,±30	35m	2.35
PDRH6D18-4R7M,N	10KHz/0.1V	4.7	±20,±30	57m	2.20
PDRH6D18-6R8M,N	10KHz/0.1V	6.8	±20,±30	66m	1.70
PDRH6D18-8R2M,N	10KHz/0.1V	8.2	±20,±30	102m	1.50
PDRH6D18-100M,N	10KHz/0.1V	10	±20,±30	122m	1.30
PDRH6D18-150M,N	10KHz/0.1V	15	±20,±30	156m	1.10
PDRH6D18-220M,N	10KHz/0.1V	22	±20,±30	237m	1.00
PDRH6D18-330M,N	10KHz/0.1V	33	±20,±30	275m	0.70
PDRH6D18-470M,N	10KHz/0.1V	47	±20,±30	467m	0.60
PDRH6D18-560M,N	10KHz/0.1V	56	±20,±30	756m	0.55
PDRH6D18-680M,N	10KHz/0.1V	68	±20,±30	0.947	0.50
PDRH6D18-820M,N	10KHz/0.1V	82	±20,±30	1.071	0.45
PDRH6D18-101M,N	10KHz/0.1V	100	±20,±30	1.212	0.40
PDRH6D18-121M,N	10KHz/0.1V	120	±20,±30	1.612	0.35

- 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 $\Delta T=40^{\circ}\text{C}$,whichever is smaller($T_a=20^{\circ}\text{C}$).