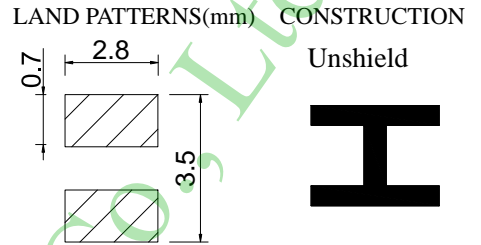
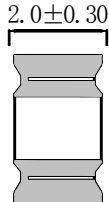
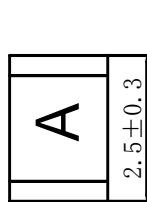


**Inductance Range: 0.39μH~100μH**  
**Temperature Range: -40℃~+125℃**

**PDS2018 -Series**

**DIMENSIONS(mm)**



**FEATURES:**

- ★Quantity / Reel: 3000pcs
- ★Small products, Quadrate 2.8mm\*2.3mm, Height 2.2mm Max.
- ★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(mA)
PDS2018-R39M	100KHz/0.3V	0.39	±20	0.042	330
PDS2018-1R0M	100KHz/0.3V	1.0	±20	0.078	300
PDS2018-1R2M	100KHz/0.3V	1.2	±20	0.090	290
PDS2018-1R5M	100KHz/0.3V	1.5	±20	0.100	280
PDS2018-1R8M	100KHz/0.3V	1.8	±20	0.110	270
PDS2018-2R2M	100KHz/0.3V	2.2	±20	0.120	250
PDS2018-2R7M	100KHz/0.3V	2.7	±20	0.200	240
PDS2018-3R3M	100KHz/0.3V	3.3	±20	0.240	230
PDS2018-3R9M	100KHz/0.3V	3.9	±20	0.280	220
PDS2018-4R7M	100KHz/0.3V	4.7	±20	0.300	210
PDS2018-5R6M	100KHz/0.3V	5.6	±20	0.340	205
PDS2018-6R8M	100KHz/0.3V	6.8	±20	0.440	200
PDS2018-8R2M	100KHz/0.3V	8.2	±20	0.590	195
PDS2018-100M	1KHz/0.3V	10	±20	0.680	190
PDS2018-120M	1KHz/0.3V	12	±20	0.770	185
PDS2018-150M	1KHz/0.3V	15	±20	0.870	180
PDS2018-180M	1KHz/0.3V	18	±20	1.200	175
PDS2018-220M	1KHz/0.3V	22	±20	1.340	170
PDS2018-270M	1KHz/0.3V	27	±20	1.860	165
PDS2018-330M	1KHz/0.3V	33	±20	2.100	160
PDS2018-390M	1KHz/0.3V	39	±20	2.350	155
PDS2018-470M	1KHz/0.3V	47	±20	3.300	150
PDS2018-560M	1KHz/0.3V	56	±20	3.700	145
PDS2018-680M	1KHz/0.3V	68	±20	6.000	135
PDS2018-820M	1KHz/0.3V	82	±20	6.900	125
PDS2018-101M	1KHz/0.3V	100	±20	7.750	110

- 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 25% from the initial value or the temperature rise is ΔT=40℃ ,whichever is smaller(Ta=20℃).