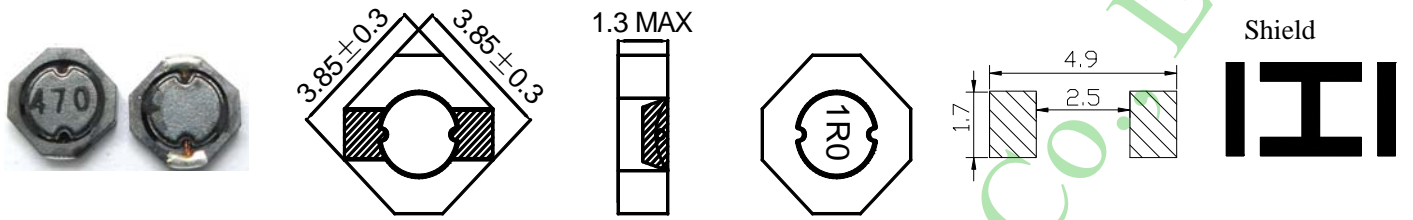


**Inductance Range:** 1.0μH~82μH  
**Temperature Range:** -40℃~+125℃

### PDRA3813-Series

#### DIMENSIONS(mm)



#### FEATURES:

- ★Quantity / Reel: 4000pcs
- ★Small products, Octagonal 3.85mm, Height 1.15mm 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(mΩ) Max.	Rated Current(A)
PDRA3813-1R0M	100KHz/0.3V	1.0	±20	60	1.60
PDRA3813-1R5M	100KHz/0.3V	1.5	±20	77	1.24
PDRA3813-1R8M	100KHz/0.3V	1.8	±20	93	1.22
PDRA3813-2R2M	100KHz/0.3V	2.2	±20	125	1.20
PDRA3813-2R4M	100KHz/0.3V	2.4	±20	139	0.98
PDRA3813-3R3M	100KHz/0.3V	3.3	±20	187	0.89
PDRA3813-3R5M	100KHz/0.3V	3.5	±20	210	0.85
PDRA3813-3R9M	100KHz/0.3V	3.9	±20	220	0.78
PDRA3813-4R7M	100KHz/0.3V	4.7	±20	240	0.71
PDRA3813-5R6M	100KHz/0.3V	5.6	±20	320	0.62
PDRA3813-6R8M	100KHz/0.3V	6.8	±20	350	0.57
PDRA3813-8R2M	100KHz/0.3V	8.2	±20	470	0.52
PDRA3813-100M	1KHz/0.3V	10	±20	570	0.47
PDRA3813-120M	1KHz/0.3V	12	±20	750	0.43
PDRA3813-150M	1KHz/0.3V	15	±20	810	0.38
PDRA3813-180M	1KHz/0.3V	18	±20	1060	0.35
PDRA3813-220M	1KHz/0.3V	22	±20	1150	0.32
PDRA3813-270M	1KHz/0.3V	27	±20	1670	0.29
PDRA3813-330M	1KHz/0.3V	33	±20	1840	0.28
PDRA3813-390M	1KHz/0.3V	39	±20	2310	0.25
PDRA3813-470M	1KHz/0.3V	47	±20	2630	0.22
PDRA3813-560M	1KHz/0.3V	56	±20	2860	0.20
PDRA3813-680M	1KHz/0.3V	68	±20	3940	0.18
PDRA3813-820M	1KHz/0.3V	82	±20	4900	0.16

- 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℃).