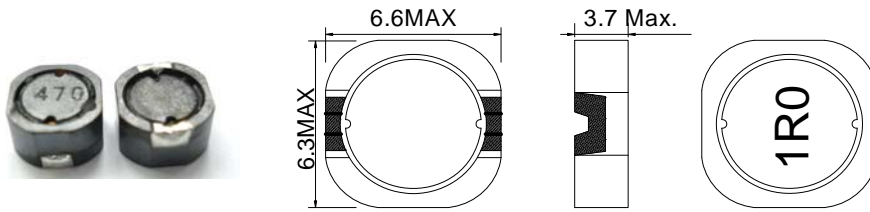


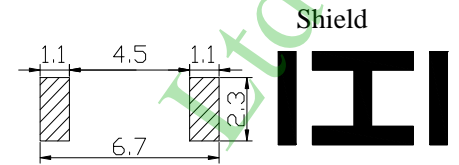
Inductance Range: 1.0 μ H~470 μ H
 Temperature Range: -40 $^{\circ}$ C~+125 $^{\circ}$ C

PDRA6035-Series

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 1500pcs
- ★Small products, Quadrate 6.3mm*6.6mm, Height 3.5mm 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 (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current(A)
PDRA6035-1R0N	100KHz/0.3V	1.0	\pm 30	9m	4.50
PDRA6035-2R0N	100KHz/0.3V	2.0	\pm 30	11m	2.73
PDRA6035-2R7N	100KHz/0.3V	2.7	\pm 30	16m	2.45
PDRA6035-3R3N	100KHz/0.3V	3.3	\pm 30	18m	2.20
PDRA6035-3R9N	100KHz/0.3V	3.9	\pm 30	21m	2.00
PDRA6035-4R7N	100KHz/0.3V	4.7	\pm 30	28m	1.95
PDRA6035-6R2N	100KHz/0.3V	6.2	\pm 30	34m	1.87
PDRA6035-6R8N	100KHz/0.3V	6.8	\pm 30	41m	1.84
PDRA6035-8R2N	100KHz/0.3V	8.2	\pm 30	45m	1.73
PDRA6035-100M	1KHz/0.3V	10	\pm 20	49m	1.64
PDRA6035-120M	1KHz/0.3V	12	\pm 20	58m	1.47
PDRA6035-150M	1KHz/0.3V	15	\pm 20	82m	1.27
PDRA6035-180M	1KHz/0.3V	18	\pm 20	85m	1.19
PDRA6035-220M	1KHz/0.3V	22	\pm 20	95m	1.02
PDRA6035-270M	1KHz/0.3V	27	\pm 20	0.112	0.98
PDRA6035-330M	1KHz/0.3V	33	\pm 20	0.133	0.80
PDRA6035-390M	1KHz/0.3V	39	\pm 20	0.160	0.77
PDRA6035-470M	1KHz/0.3V	47	\pm 20	0.186	0.70
PDRA6035-560M	1KHz/0.3V	56	\pm 20	0.248	0.63
PDRA6035-680M	1KHz/0.3V	68	\pm 20	0.290	0.52
PDRA6035-820M	1KHz/0.3V	82	\pm 20	0.360	0.47
PDRA6035-101M	1KHz/0.3V	100	\pm 20	0.420	0.42
PDRA6035-121M	1KHz/0.3V	120	\pm 20	0.490	0.39
PDRA6035-151M	1KHz/0.3V	150	\pm 20	0.590	0.35
PDRA6035-181M	1KHz/0.3V	180	\pm 20	0.700	0.32
PDRA6035-221M	1KHz/0.3V	220	\pm 20	0.900	0.29
PDRA6035-271M	1KHz/0.3V	270	\pm 20	1.110	0.27
PDRA6035-331M	1KHz/0.3V	330	\pm 20	1.380	0.24
PDRA6035-391M	1KHz/0.3V	390	\pm 20	1.640	0.23
PDRA6035-471M	1KHz/0.3V	470	\pm 20	2.090	0.22

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