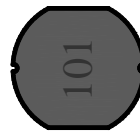
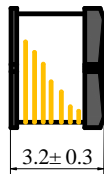
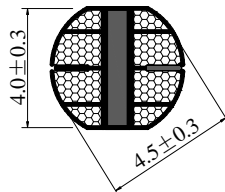


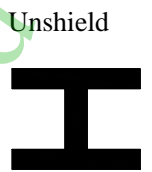
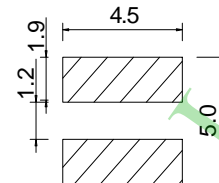
Inductance Range: 1.0μH~330μH
 Temperature Range: -40℃~+125℃

PD43-Series

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 2000pcs
- ★Small products, Round 4.5mm, Height 3.2mm 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 CertifPD 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)
PD43-1R0M	100KHz/0.3V	1.0	±20	33m	3.80
PD43-1R2M	100KHz/0.3V	1.2	±20	35m	3.60
PD43-1R5M	100KHz/0.3V	1.5	±20	39m	3.20
PD43-1R8M	100KHz/0.3V	1.8	±20	42m	2.91
PD43-2R2M	100KHz/0.3V	2.2	±20	47m	2.60
PD43-2R7M	100KHz/0.3V	2.7	±20	52m	2.43
PD43-3R3M	100KHz/0.3V	3.3	±20	58m	2.15
PD43-3R9M	100KHz/0.3V	3.9	±20	76m	1.98
PD43-4R7M	100KHz/0.3V	4.7	±20	94m	1.70
PD43-5R6M	100KHz/0.3V	5.6	±20	101m	1.60
PD43-6R8M	100KHz/0.3V	6.8	±20	117m	1.41
PD43-8R2M	100KHz/0.3V	8.2	±20	132m	1.26
PD43-100K,M	1KHz/0.3V	10	±10,±20	182m	1.15
PD43-120K,M	1KHz/0.3V	12	±10,±20	210m	1.05
PD43-150K,M	1KHz/0.3V	15	±10,±20	235m	0.92
PD43-180K,M	1KHz/0.3V	18	±10,±20	338m	0.84
PD43-220K,M	1KHz/0.3V	22	±10,±20	378m	0.76
PD43-270K,M	1KHz/0.3V	27	±10,±20	522m	0.71
PD43-330K,M	1KHz/0.3V	33	±10,±20	540m	0.64
PD43-390K,M	1KHz/0.3V	39	±10,±20	587m	0.59
PD43-470K,M	1KHz/0.3V	47	±10,±20	844m	0.54
PD43-560K,M	1KHz/0.3V	56	±10,±20	937m	0.50
PD43-680K,M	1KHz/0.3V	68	±10,±20	1.117	0.46
PD43-820K,M	1KHz/0.3V	82	±10,±20	1.180	0.43
PD43-101K,M	1KHz/0.3V	100	±10,±20	1.190	0.41
PD43-121K,M	1KHz/0.3V	120	±10,±20	1.400	0.38
PD43-151K,M	1KHz/0.3V	150	±10,±20	1.870	0.35
PD43-181K,M	1KHz/0.3V	180	±10,±20	2.500	0.31
PD43-221K,M	1KHz/0.3V	220	±10,±20	2.850	0.29
PD43-271K,M	1KHz/0.3V	270	±10,±20	3.830	0.26

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