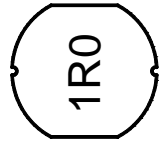
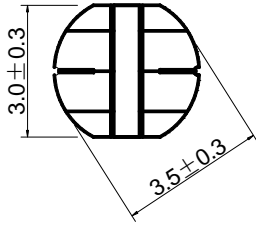


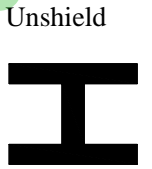
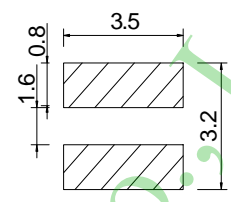
PD31L-Series

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

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 3000pcs
- ★Small products, Round 3.5mm, Height 1.2mm 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 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)
PD31L-1R0M	100KHz/0.3V	1.0	±20	0.06	1.40
PD31L-2R2M	100KHz/0.3V	2.2	±20	0.11	1.05
PD31L-3R3M	100KHz/0.3V	3.3	±20	0.15	0.80
31L-4R7M	100KHz/0.3V	4.7	±20	0.21	0.75
PD31L-5R6M	100KHz/0.3V	5.6	±20	0.25	0.65
PD31L-6R8M	100KHz/0.3V	6.8	±20	0.30	0.56
PD31L-8R2M	100KHz/0.3V	8.2	±20	0.38	0.50
PD31L-100M	1KHz/0.3V	10	±20	0.44	0.45
PD31L-120M	1KHz/0.3V	12	±20	0.50	0.43
PD31L-150M	1KHz/0.3V	15	±20	0.61	0.39
PD31L-180M	1KHz/0.3V	18	±20	0.73	0.32
PD31L-220M	1KHz/0.3V	22	±20	0.91	0.28
PD31L-270M	1KHz/0.3V	27	±20	1.15	0.26
PD31L-330M	1KHz/0.3V	33	±20	1.39	0.25
PD31L-390M	1KHz/0.3V	39	±20	1.88	0.23
PD31L-470M	1KHz/0.3V	47	±20	2.26	0.21
PD31L-560M	1KHz/0.3V	56	±20	2.69	0.20
PD31L-680M	1KHz/0.3V	68	±20	3.18	0.18
PD31L-820M	1KHz/0.3V	82	±20	3.67	0.16
PD31L-101M	1KHz/0.3V	100	±20	4.94	0.14
PD31L-121M	1KHz/0.3V	120	±20	5.35	0.12

- 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℃).