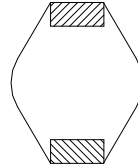
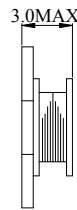
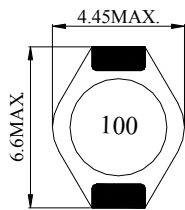


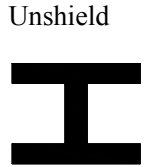
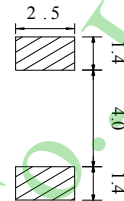
Inductance Range: 1.0μH~1000μH
Temperature Range: -40℃~+125℃

PDBE0603-Series

DIMENSIONS(mm)



LAND PATTERNS(mm) CONSTRUCTION



FEATURES:

- ★Quantity / Reel: 350pcs
- ★High current & low DCR, Elliptic 4.45mm*6.6mm, Height 2.92mm Type.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/ PDA /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	
					Isat(A)	Irms(A)
PDBE0603-100M	100KHz/1.0V	1.0	±20	0.05	2.9	2.9
PDBE0603-150M	100KHz/1.0V	1.5	±20	0.05	2.6	2.8
PDBE0603-220M	100KHz/1.0V	2.2	±20	0.07	2.3	2.4
PDBE0603-330M	100KHz/1.0V	3.3	±20	0.08	2.0	2.0
PDBE0603-470M	100KHz/1.0V	4.7	±20	0.09	1.5	1.5
PDBE0603-680M	100KHz/1.0V	6.8	±20	0.13	1.2	1.4
PDBE0603-100M	100KHz/1.0V	10	±20	0.16	1.1	1.1
PDBE0603-150M	100KHz/1.0V	15	±20	0.23	0.9	1.2
PDBE0603-220M	100KHz/1.0V	22	±20	0.37	0.7	0.8
PDBE0603-330M	100KHz/1.0V	33	±20	0.51	0.58	0.6
PDBE0603-470M	100KHz/1.0V	47	±20	0.64	0.50	0.50
PDBE0603-680M	100KHz/1.0V	68	±20	0.86	0.40	0.40
PDBE0603-101M	100KHz/1.0V	100	±20	1.27	0.31	0.30
PDBE0603-151M	100KHz/1.0V	150	±20	2.00	0.25	0.27
PDBE0603-221M	100KHz/1.0V	220	±20	3.11	0.20	0.22
PDBE0603-331M	100KHz/1.0V	330	±20	3.80	0.16	0.18
PDBE0603-471M	100KHz/1.0V	470	±20	6.20	0.15	0.16
PDBE0603-681M	100KHz/1.0V	680	±20	9.20	0.12	0.14
PDBE0603-102M	100KHz/1.0V	1000	±20	13.80	0.07	0.10

- 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、 The Isat is the current at which the inductance decreases by 10% from the initial value
- 4、 The Irms by Stand-Type is the current at which the temperature rise is ΔT≤40℃, whichever (Ta=20℃)