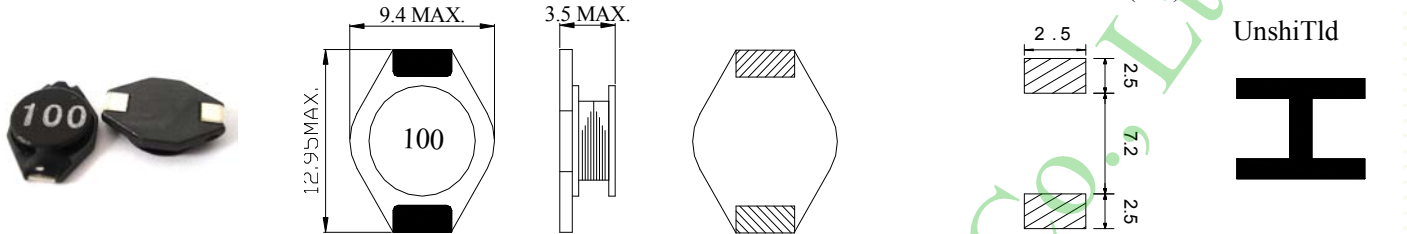


Inductance Range: 10 μ H~1000 μ H
Temperature Range: -40 $^{\circ}$ C~+125 $^{\circ}$ C

PDBE1202-Series

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1000pcs
- ★High current & low DCR, Elliptic 9.4mm*12.95mm, Height 2.8mm 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 (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current	
					Isat(A)	Irms(A)
PDBE1202-100M	100KHz/1.0V	10	\pm 20	0.11	2.40	2.00
PDBE1202-150M	100KHz/1.0V	15	\pm 20	0.15	2.00	1.50
PDBE1202-220M	100KHz/1.0V	22	\pm 20	0.23	1.60	1.30
PDBE1202-330M	100KHz/1.0V	33	\pm 20	0.30	1.40	1.10
PDBE1202-470M	100KHz/1.0V	47	\pm 20	0.39	1.00	0.80
PDBE1202-680M	100KHz/1.0V	68	\pm 20	0.66	0.90	0.70
PDBE1202-101M	100KHz/1.0V	100	\pm 20	0.84	0.70	0.60
PDBE1202-151M	100KHz/1.0V	150	\pm 20	1.20	0.60	0.50
PDBE1202-221M	100KHz/1.0V	220	\pm 20	1.90	0.50	0.40
PDBE1202-331M	100KHz/1.0V	330	\pm 20	2.70	0.40	0.30
PDBE1202-471M	100KHz/1.0V	470	\pm 20	4.00	0.30	0.20
PDBE1202-681M	100KHz/1.0V	680	\pm 20	5.30	0.20	0.10
PDBE1202-102M	100KHz/1.0V	1000	\pm 20	8.40	0.10	0.05

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