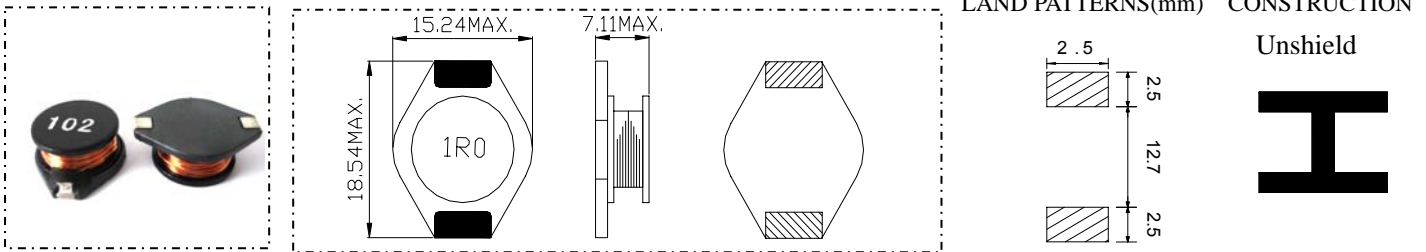


SDBE1807B

Inductance Range: 1.0μH~1000μH
Temperature Range: -40°C~+105°C

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 400pcs
- ★High current & low DCR, Elliptic 15.24mm*18.54mm, Height 6.50mm Typ.
- ★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)
SDBE1807B-1R0N	100KHz/1.0V	1.0	±30	9m	20.00	8.60
SDBE1807B-2R2M	100KHz/1.0V	2.2	±20	14m	16.00	7.10
SDBE1807B-3R3N	100KHz/1.0V	3.3	±30	18m	14.00	6.20
SDBE1807B-5R6M	100KHz/1.0V	5.6	±20	20m	12.00	5.30
SDBE1807B-100M	100KHz/1.0V	10	±20	31m	10.00	4.30
SDBE1807B-150M	100KHz/1.0V	15	±20	36m	8.00	4.00
SDBE1807B-220M	100KHz/1.0V	22	±20	47m	7.00	3.50
SDBE1807B-330M	100KHz/1.0V	33	±20	66m	5.50	3.00
SDBE1807B-470M	100KHz/1.0V	47	±20	86m	4.50	2.60
SDBE1807B-680M	100KHz/1.0V	68	±20	130m	3.50	2.30
SDBE1807B-101M	100KHz/1.0V	100	±20	190m	3.00	1.80
SDBE1807B-151M	100KHz/1.0V	150	±20	250m	2.60	1.50
SDBE1807B-221M	100KHz/1.0V	220	±20	0.380	2.40	1.20
SDBE1807B-331M	100KHz/1.0V	330	±20	0.560	1.90	1.00
SDBE1807B-471M	100KHz/1.0V	470	±20	0.850	1.40	0.82
SDBE1807B-681M	100KHz/1.0V	680	±20	1.100	1.20	0.72
SDBE1807B-102M	100KHz/1.0V	1000	±20	1.800	1.00	0.56

- 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℃)