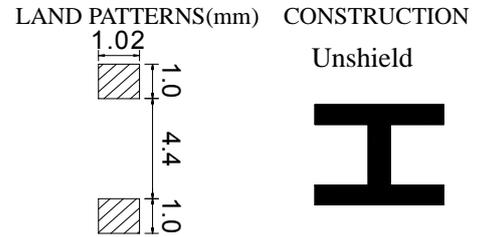
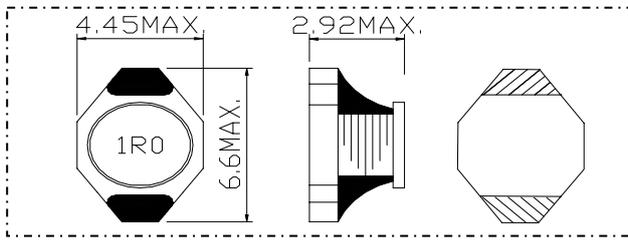


SDC4530B

Inductance Range: 1.0 μ H~1000 μ H
Temperature Range: -40 $^{\circ}$ C~+105 $^{\circ}$ C

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 2000pcs
- ★Small products, Elliptic 4.45mm*6.6mm, Height 2.7mm 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 (μ H)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current	
					Isat(A)	Irms(A)
SDC4530B-1R0M	100KHz/1.0V	1.0	\pm 20	0.05	2.90	2.90
SDC4530B-1R5M	100KHz/1.0V	1.5	\pm 20	0.05	2.60	2.80
SDC4530B-2R2M	100KHz/1.0V	2.2	\pm 20	0.07	2.30	2.40
SDC4530B-3R3M	100KHz/1.0V	3.3	\pm 20	0.08	2.00	2.00
SDC4530B-4R7M	100KHz/1.0V	4.7	\pm 20	0.09	1.50	1.50
SDC4530B-6R8M	100KHz/1.0V	6.8	\pm 20	0.13	1.20	1.40
SDC4530B-100M	100KHz/1.0V	10	\pm 20	0.16	1.10	1.30
SDC4530B-150M	100KHz/1.0V	15	\pm 20	0.23	0.90	1.20
SDC4530B-220M	100KHz/1.0V	22	\pm 20	0.37	0.70	0.80
SDC4530B-330M	100KHz/1.0V	33	\pm 20	0.51	0.58	0.60
SDC4530B-470M	100KHz/1.0V	47	\pm 20	0.64	0.50	0.50
SDC4530B-680M	100KHz/1.0V	68	\pm 20	0.86	0.40	0.40
SDC4530B-101M	100KHz/1.0V	100	\pm 20	1.27	0.31	0.30
SDC4530B-151M	100KHz/1.0V	150	\pm 20	2.00	0.27	0.25
SDC4530B-221M	100KHz/1.0V	220	\pm 20	3.11	0.22	0.20
SDC4530B-331M	100KHz/1.0V	330	\pm 20	3.80	0.18	0.16
SDC4530B-471M	100KHz/1.0V	470	\pm 20	5.06	0.16	0.15
SDC4530B-681M	100KHz/1.0V	680	\pm 20	9.20	0.14	0.12
SDC4530B-102M	100KHz/1.0V	1000	\pm 20	13.8	0.10	0.07

- 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 I rms by Stand-Type is the current at which the temperature rise is $\Delta T \leq 40^{\circ}$ C, whichever ($T_a = 20^{\circ}$ C)