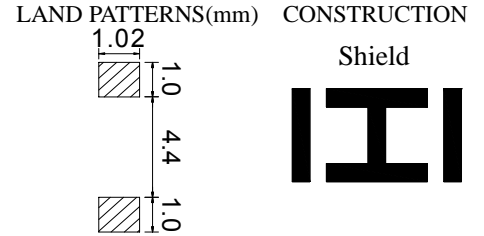
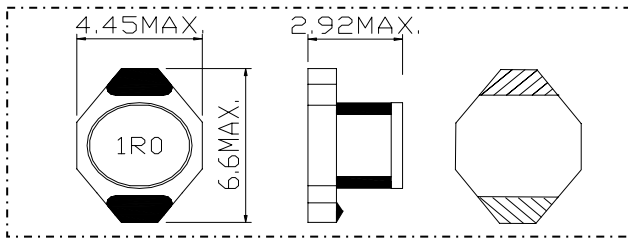


SDC4530C

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

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 (μH)	Tolerance (%)	D.C.R(Ω) Max.	Rated Current	
					Isat(A)	Irms(A)
SDC4530C-1R0M	100KHz/1.0V	1.0	±20	0.05	2.90	2.90
SDC4530C-1R5M	100KHz/1.0V	1.5	±20	0.05	2.60	2.80
SDC4530C-2R2M	100KHz/1.0V	2.2	±20	0.07	2.30	2.40
SDC4530C-3R3M	100KHz/1.0V	3.3	±20	0.08	2.00	2.00
SDC4530C-4R7M	100KHz/1.0V	4.7	±20	0.09	1.50	1.50
SDC4530C-6R8M	100KHz/1.0V	6.8	±20	0.13	1.20	1.40
SDC4530C-100M	100KHz/1.0V	10	±20	0.16	1.10	1.30
SDC4530C-150M	100KHz/1.0V	15	±20	0.23	0.90	1.20
SDC4530C-220M	100KHz/1.0V	22	±20	0.37	0.70	0.80
SDC4530C-330M	100KHz/1.0V	33	±20	0.51	0.58	0.60
SDC4530C-470M	100KHz/1.0V	47	±20	0.64	0.50	0.50
SDC4530C-680M	100KHz/1.0V	68	±20	0.86	0.40	0.40
SDC4530C-101M	100KHz/1.0V	100	±20	1.27	0.31	0.30
SDC4530C-151M	100KHz/1.0V	150	±20	2.00	0.27	0.25
SDC4530C-221M	100KHz/1.0V	220	±20	3.11	0.22	0.20
SDC4530C-331M	100KHz/1.0V	330	±20	3.80	0.18	0.16
SDC4530C-471M	100KHz/1.0V	470	±20	5.06	0.16	0.15
SDC4530C-681M	100KHz/1.0V	680	±20	9.20	0.14	0.12
SDC4530C-102M	100KHz/1.0V	1000	±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 ΔT≤40℃, whichever (Ta=20℃)