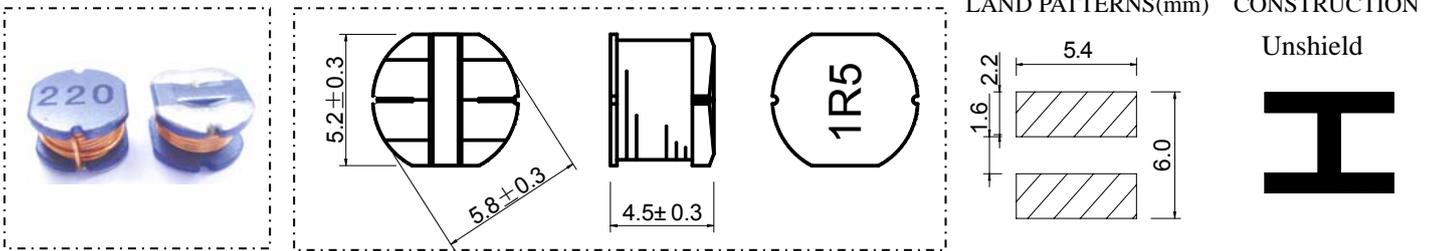


SD54

Inductance Range: 1.5 μ H~330 μ H
Temperature Range: -40 $^{\circ}$ C ~ +105 $^{\circ}$ C

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel:1500pcs
- ★Small products, Round 5.8mm, Height 4.5mm Typ.
- ★The use of carrier tape package for SMT reflow soldering process
- ★Widely use in DC-DC converter/LCD TV/Notebook/ PDA/MP3 & MP4 player/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(A)
SD54-1R5M	100KHz/0.3V	1.5	\pm 20	25m	5.00
SD54-2R2M	100KHz/0.3V	2.2	\pm 20	27m	4.50
SD54-2R7M	100KHz/0.3V	2.7	\pm 20	30m	3.50
SD54-3R3M	100KHz/0.3V	3.3	\pm 20	34m	3.00
SD54-4R7M	100KHz/0.3V	4.7	\pm 20	40m	3.00
SD54-6R8M	100KHz/0.3V	6.8	\pm 20	80m	2.50
SD54-100K,M	1KHz/0.3V	10	\pm 10, \pm 20	100m	1.44
SD54-120K,M	1KHz/0.3V	12	\pm 10, \pm 20	120m	1.40
SD54-150K,M	1KHz/0.3V	15	\pm 10, \pm 20	140m	1.30
SD54-180K,M	1KHz/0.3V	18	\pm 10, \pm 20	150m	1.23
SD54-220K,M	1KHz/0.3V	22	\pm 10, \pm 20	180m	1.11
SD54-270K,M	1KHz/0.3V	27	\pm 10, \pm 20	200m	0.97
SD54-330K,M	1KHz/0.3V	33	\pm 10, \pm 20	230m	0.88
SD54-390K,M	1KHz/0.3V	39	\pm 10, \pm 20	320m	0.80
SD54-470K,M	1KHz/0.3V	47	\pm 10, \pm 20	370m	0.72
SD54-560K,M	1KHz/0.3V	56	\pm 10, \pm 20	420m	0.68
SD54-680K,M	1KHz/0.3V	68	\pm 10, \pm 20	460m	0.61
SD54-820K,M	1KHz/0.3V	82	\pm 10, \pm 20	0.600	0.58
SD54-101K,M	1KHz/0.3V	100	\pm 10, \pm 20	0.700	0.52
SD54-121K,M	1KHz/0.3V	120	\pm 10, \pm 20	0.930	0.48
SD54-151K,M	1KHz/0.3V	150	\pm 10, \pm 20	1.100	0.40
SD54-181K,M	1KHz/0.3V	180	\pm 10, \pm 20	1.380	0.38
SD54-221K,M	1KHz/0.3V	220	\pm 10, \pm 20	1.570	0.35
SD54-331K,M	1KHz/0.3V	330	\pm 10, \pm 20	2.200	0.30

- 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).