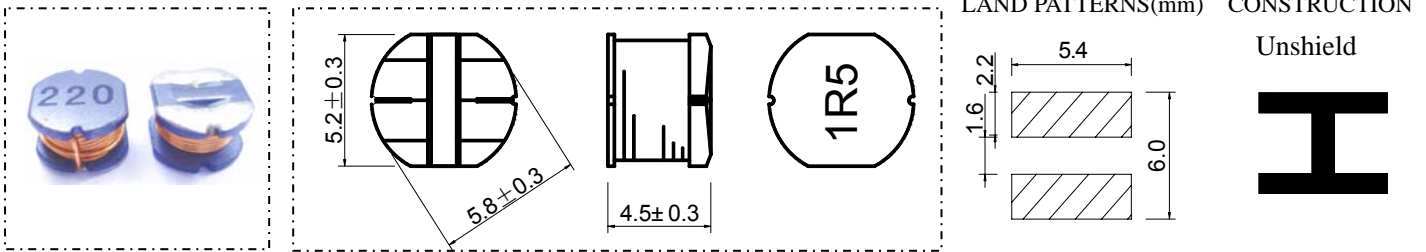



ED54

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)
ED54-1R5M	100KHz/0.3V	1.5	± 20	25m	5.00
ED54-2R2M	100KHz/0.3V	2.2	± 20	27m	4.50
ED54-2R7M	100KHz/0.3V	2.7	± 20	30m	3.50
ED54-3R3M	100KHz/0.3V	3.3	± 20	34m	3.00
ED54-4R7M	100KHz/0.3V	4.7	± 20	40m	3.00
ED54-6R8M	100KHz/0.3V	6.8	± 20	80m	2.50
ED54-100K,M	1KHz/0.3V	10	$\pm 10, \pm 20$	100m	1.44
ED54-120K,M	1KHz/0.3V	12	$\pm 10, \pm 20$	120m	1.40
ED54-150K,M	1KHz/0.3V	15	$\pm 10, \pm 20$	140m	1.30
ED54-180K,M	1KHz/0.3V	18	$\pm 10, \pm 20$	150m	1.23
ED54-220K,M	1KHz/0.3V	22	$\pm 10, \pm 20$	180m	1.11
ED54-270K,M	1KHz/0.3V	27	$\pm 10, \pm 20$	200m	0.97
ED54-330K,M	1KHz/0.3V	33	$\pm 10, \pm 20$	230m	0.88
ED54-390K,M	1KHz/0.3V	39	$\pm 10, \pm 20$	320m	0.80
ED54-470K,M	1KHz/0.3V	47	$\pm 10, \pm 20$	370m	0.72
ED54-560K,M	1KHz/0.3V	56	$\pm 10, \pm 20$	420m	0.68
ED54-680K,M	1KHz/0.3V	68	$\pm 10, \pm 20$	460m	0.61
ED54-820K,M	1KHz/0.3V	82	$\pm 10, \pm 20$	0.600	0.58
ED54-101K,M	1KHz/0.3V	100	$\pm 10, \pm 20$	0.700	0.52
ED54-121K,M	1KHz/0.3V	120	$\pm 10, \pm 20$	0.930	0.48
ED54-151K,M	1KHz/0.3V	150	$\pm 10, \pm 20$	1.100	0.40
ED54-181K,M	1KHz/0.3V	180	$\pm 10, \pm 20$	1.380	0.38
ED54-221K,M	1KHz/0.3V	220	$\pm 10, \pm 20$	1.570	0.35
ED54-331K,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($T_a=20^{\circ}C$).