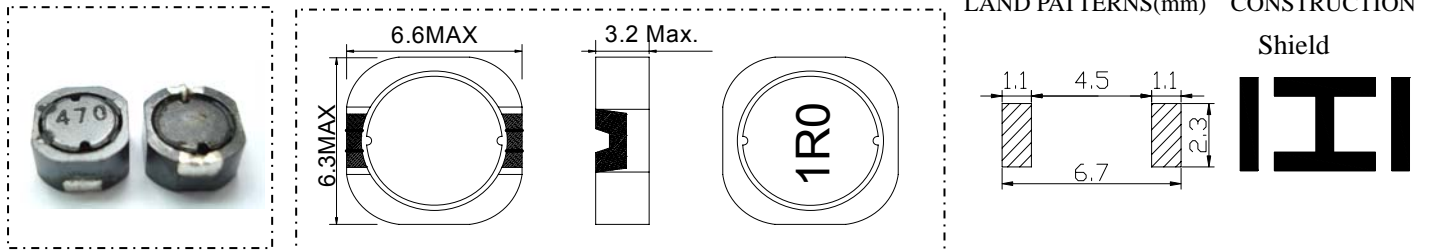


## EDRA6030

**Inductance Range:** 1.0 $\mu$ H~100 $\mu$ H

**Temperature Range:** -40 $^{\circ}$ C~+105 $^{\circ}$ C

### DIMENSIONS(mm)




### FEATURES:

- ★Quantity / Reel: 2000pcs
- ★Small products, Quadrate 6.3mm\*6.6mm, Height 3.0mm 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 ( $\mu$ H)	Tolerance (%)	D.C.R( $\Omega$ ) Max.	Rated Current(A)
EDRA6030-1R0N	100KHz/0.3V	1.0	$\pm$ 30	15m	3.59
EDRA6030-1R5N	100KHz/0.3V	1.5	$\pm$ 30	18m	2.93
EDRA6030-2R2N	100KHz/0.3V	2.2	$\pm$ 30	22m	2.42
EDRA6030-3R3N	100KHz/0.3V	3.3	$\pm$ 30	26m	2.10
EDRA6030-3R6N	100KHz/0.3V	3.6	$\pm$ 30	29m	1.89
EDRA6030-4R7N	100KHz/0.3V	4.7	$\pm$ 30	38m	1.66
EDRA6030-6R2N	100KHz/0.3V	6.2	$\pm$ 30	45m	1.45
EDRA6030-100M	1KHz/0.3V	10	$\pm$ 20	69m	1.14
EDRA6030-120M	1KHz/0.3V	12	$\pm$ 20	73m	1.04
EDRA6030-150M	1KHz/0.3V	15	$\pm$ 20	87m	0.93
EDRA6030-180M	1KHz/0.3V	18	$\pm$ 20	104m	0.85
EDRA6030-220M	1KHz/0.3V	22	$\pm$ 20	133m	0.77
EDRA6030-270M	1KHz/0.3V	27	$\pm$ 20	0.168	0.70
EDRA6030-330M	1KHz/0.3V	33	$\pm$ 20	0.196	0.63
EDRA6030-390M	1KHz/0.3V	39	$\pm$ 20	0.210	0.58
EDRA6030-470M	1KHz/0.3V	47	$\pm$ 20	0.259	0.53
EDRA6030-560M	1KHz/0.3V	56	$\pm$ 20	0.308	0.48
EDRA6030-680M	1KHz/0.3V	68	$\pm$ 20	0.378	0.44
EDRA6030-820M	1KHz/0.3V	82	$\pm$ 20	0.462	0.40
EDRA6030-101M	1KHz/0.3V	100	$\pm$ 20	0.527	0.36

- 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).