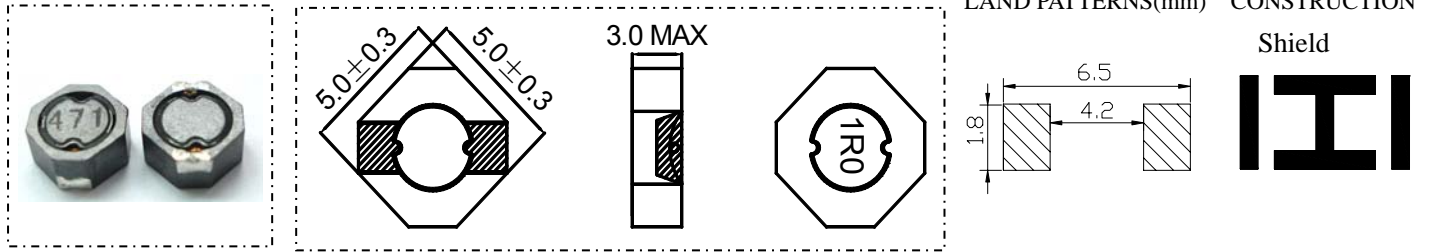


## EDRA5028

**Inductance Range:** 1.0 $\mu$ H~1800 $\mu$ H  
**Temperature Range:** -40 $^{\circ}$ C ~ +105 $^{\circ}$ C

## DIMENSIONS(mm)



## FEATURES:

- ★Quantity / Reel: 2500pcs
- ★Small products, Octagonal 5.0mm, 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/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(m $\Omega$ ) Max.	Rated Current(A)
EDRA5028-1R0M	100KHz/0.3V	1.0	±20	15	4.00
EDRA5028-1R2M	100KHz/0.3V	1.2	±20	22	3.80
EDRA5028-1R5M	100KHz/0.3V	1.5	±20	22	3.80
EDRA5028-2R2M	100KHz/0.3V	2.2	±20	29	2.41
EDRA5028-3R3M	100KHz/0.3V	3.3	±20	34	2.36
EDRA5028-4R7M	100KHz/0.3V	4.7	±20	45	1.87
EDRA5028-5R6M	100KHz/0.3V	5.6	±20	52	1.60
EDRA5028-6R8M	100KHz/0.3V	6.8	±20	68	1.51
EDRA5028-8R2M	100KHz/0.3V	8.2	±20	75	1.40
EDRA5028-100M	1KHz/0.3V	10	±20	90	1.33
EDRA5028-150M	1KHz/0.3V	15	±20	142	1.05
EDRA5028-220M	1KHz/0.3V	22	±20	208	0.86
EDRA5028-270M	1KHz/0.3V	27	±20	238	0.80
EDRA5028-330M	1KHz/0.3V	33	±20	257	0.72
EDRA5028-390M	1KHz/0.3V	39	±20	320	0.65
EDRA5028-470M	1KHz/0.3V	47	±20	352	0.62
EDRA5028-560M	1KHz/0.3V	56	±20	500	0.62
EDRA5028-680M	1KHz/0.3V	68	±20	525	0.51
EDRA5028-820M	1KHz/0.3V	82	±20	730	0.50
EDRA5028-101M	1KHz/0.3V	100	±20	801	0.43
EDRA5028-151M	1KHz/0.3V	150	±20	1100	0.26
EDRA5028-221M	1KHz/0.3V	220	±20	1530	0.20
EDRA5028-271M	1KHz/0.3V	270	±20	1960	0.19
EDRA5028-331M	1KHz/0.3V	330	±20	2030	0.19
EDRA5028-471M	1KHz/0.3V	470	±20	3500	0.15
EDRA5028-102M	1KHz/0.3V	1000	±20	8040	0.10
EDRA5028-122M	1KHz/0.3V	1200	±20	9100	0.09
EDRA5028-152M	1KHz/0.3V	1500	±20	13800	0.08
EDRA5028-182M	1KHz/0.3V	1800	±20	15000	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. 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).