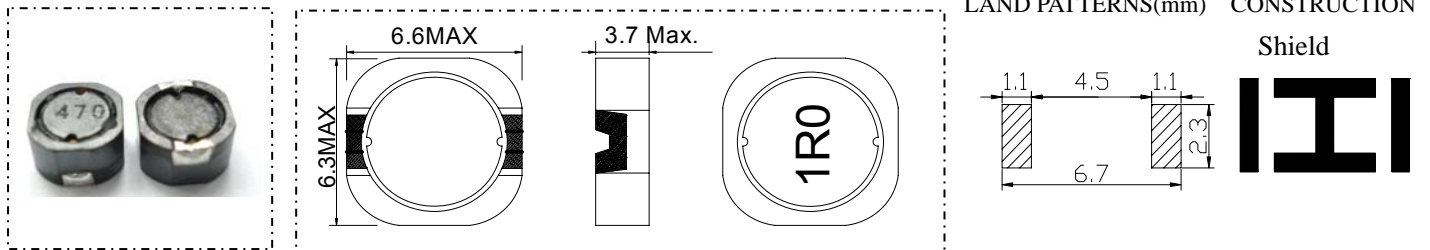


EDRA6035

Inductance Range: 1.0 μ H~470 μ H

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

DIMENSIONS(mm)



FEATURES:

- ★Quantity / Reel: 1500pcs
- ★Small products, Quadrate 6.3mm*6.6mm, Height 3.5mm 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) |
|---------------|----------------|-----------------------|---------------|------------------------|------------------|
| EDRA6035-1R0N | 100KHz/0.3V | 1.0 | \pm 30 | 9m | 4.50 |
| EDRA6035-2R0N | 100KHz/0.3V | 2.0 | \pm 30 | 11m | 2.73 |
| EDRA6035-2R7N | 100KHz/0.3V | 2.7 | \pm 30 | 16m | 2.45 |
| EDRA6035-3R3N | 100KHz/0.3V | 3.3 | \pm 30 | 18m | 2.20 |
| EDRA6035-3R9N | 100KHz/0.3V | 3.9 | \pm 30 | 21m | 2.00 |
| EDRA6035-4R7N | 100KHz/0.3V | 4.7 | \pm 30 | 28m | 1.95 |
| EDRA6035-6R2N | 100KHz/0.3V | 6.2 | \pm 30 | 34m | 1.87 |
| EDRA6035-6R8N | 100KHz/0.3V | 6.8 | \pm 30 | 41m | 1.84 |
| EDRA6035-8R2N | 100KHz/0.3V | 8.2 | \pm 30 | 45m | 1.73 |
| EDRA6035-100M | 1KHz/0.3V | 10 | \pm 20 | 49m | 1.64 |
| EDRA6035-120M | 1KHz/0.3V | 12 | \pm 20 | 58m | 1.47 |
| EDRA6035-150M | 1KHz/0.3V | 15 | \pm 20 | 82m | 1.27 |
| EDRA6035-180M | 1KHz/0.3V | 18 | \pm 20 | 85m | 1.19 |
| EDRA6035-220M | 1KHz/0.3V | 22 | \pm 20 | 95m | 1.02 |
| EDRA6035-270M | 1KHz/0.3V | 27 | \pm 20 | 0.112 | 0.98 |
| EDRA6035-330M | 1KHz/0.3V | 33 | \pm 20 | 0.133 | 0.80 |
| EDRA6035-390M | 1KHz/0.3V | 39 | \pm 20 | 0.160 | 0.77 |
| EDRA6035-470M | 1KHz/0.3V | 47 | \pm 20 | 0.186 | 0.70 |
| EDRA6035-560M | 1KHz/0.3V | 56 | \pm 20 | 0.248 | 0.63 |
| EDRA6035-680M | 1KHz/0.3V | 68 | \pm 20 | 0.290 | 0.52 |
| EDRA6035-820M | 1KHz/0.3V | 82 | \pm 20 | 0.360 | 0.47 |
| EDRA6035-101M | 1KHz/0.3V | 100 | \pm 20 | 0.420 | 0.42 |
| EDRA6035-121M | 1KHz/0.3V | 120 | \pm 20 | 0.490 | 0.39 |
| EDRA6035-151M | 1KHz/0.3V | 150 | \pm 20 | 0.590 | 0.35 |
| EDRA6035-181M | 1KHz/0.3V | 180 | \pm 20 | 0.700 | 0.32 |
| EDRA6035-221M | 1KHz/0.3V | 220 | \pm 20 | 0.900 | 0.29 |
| EDRA6035-271M | 1KHz/0.3V | 270 | \pm 20 | 1.110 | 0.27 |
| EDRA6035-331M | 1KHz/0.3V | 330 | \pm 20 | 1.380 | 0.24 |
| EDRA6035-391M | 1KHz/0.3V | 390 | \pm 20 | 1.640 | 0.23 |
| EDRA6035-471M | 1KHz/0.3V | 470 | \pm 20 | 2.090 | 0.22 |

- 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 35% from the initial value or the temperature rise is $\Delta T=40^{\circ}$ C ,whichever is smaller($T_a=20^{\circ}$ C).