

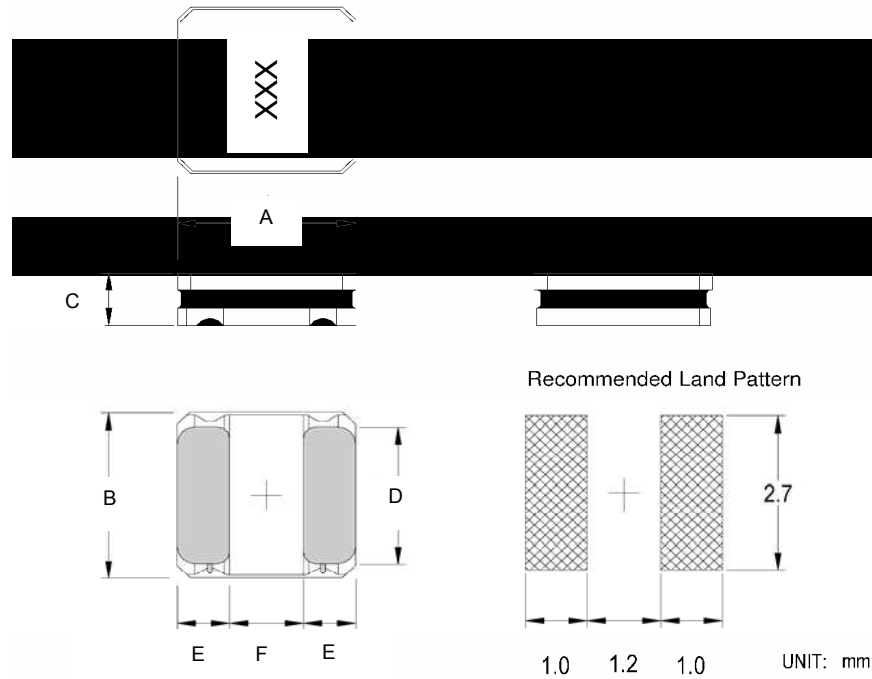


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**EN:** This Datasheet is presented by the manufacturer.

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### ■ Dimensions: (mm)

| Part No.  | A         | B         | C        | D        | E         | F         |
|-----------|-----------|-----------|----------|----------|-----------|-----------|
| DJNR 3015 | 3.0 ± 0.1 | 3.0 ± 0.1 | 1.5 Max. | 2.7 Typ. | 0.9 ± 0.2 | 1.2 ± 0.2 |

### ■ Series List

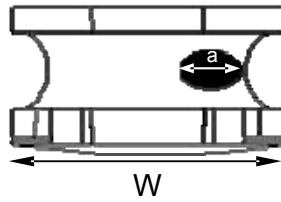
| No. | Part No.     | MARK | L<br>( $\mu$ H) | RDC<br>Max.<br>( $\Omega$ ) | Isat<br>Max.<br>(A) | Irms<br>Max.<br>(A) |
|-----|--------------|------|-----------------|-----------------------------|---------------------|---------------------|
| 1   | DJNR3015-1R0 | 1R0  | 1.0             | 0.048                       | 2.10                | 2.10                |
| 2   | DJNR3015-1R5 | 1R5  | 1.5             | 0.066                       | 1.80                | 1.90                |
| 3   | DJNR3015-2R2 | 2R2  | 2.2             | 0.072                       | 1.48                | 1.60                |
| 4   | DJNR3015-3R3 | 3R3  | 3.3             | 0.08                        | 1.20                | 1.20                |
| 5   | DJNR3015-4R7 | 4R7  | 4.7             | 0.136                       | 1.08                | 1.25                |
| 6   | DJNR3015-6R8 | 6R8  | 6.8             | 0.211                       | 0.90                | 0.90                |
| 7   | DJNR3015-100 | 100  | 10              | 0.276                       | 0.75                | 0.87                |
| 8   | DJNR3015-150 | 150  | 15              | 0.422                       | 0.58                | 0.65                |
| 9   | DJNR3015-220 | 220  | 22              | 0.622                       | 0.47                | 0.55                |
| 10  | DJNR3015-330 | 330  | 33              | 0.959                       | 0.39                | 0.45                |
| 11  | DJNR3015-470 | 470  | 47              | 1.406                       | 0.32                | 0.40                |
| 12  | DJNR3015-101 | 101  | 100             | 2.920                       | 0.23                | 0.25                |

1. Test Frequency: 100KHz
2. Tolerance : N ± 30% ; M ± 20%
3. Isat : Based on inductance decrease 30% Max.(at 20°C)
4. Irms : Base on temperature increase 40% Max.(at 20°C)
5. Operating Temperature Range:-25°C to +120°C (Including self-temperature rise)
6. Storage Temp. Range: -40°C to +85°C

### □ PACKAGE

|           |           |
|-----------|-----------|
| Type      | DJNR 3015 |
| Q'TY/Reel | 2000      |

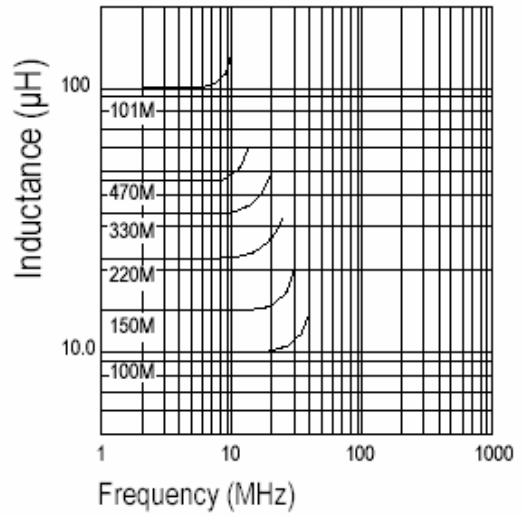
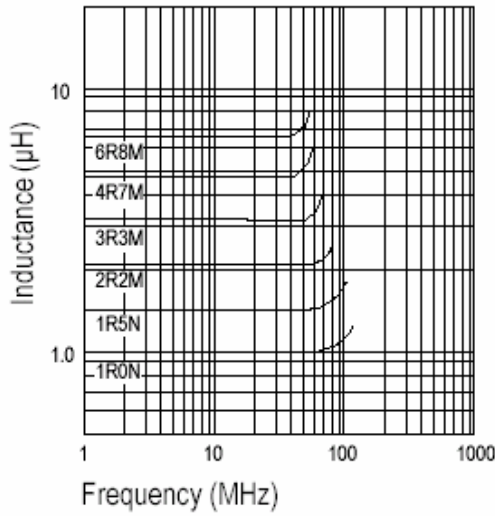
## Void Appearance Tolerance Limit



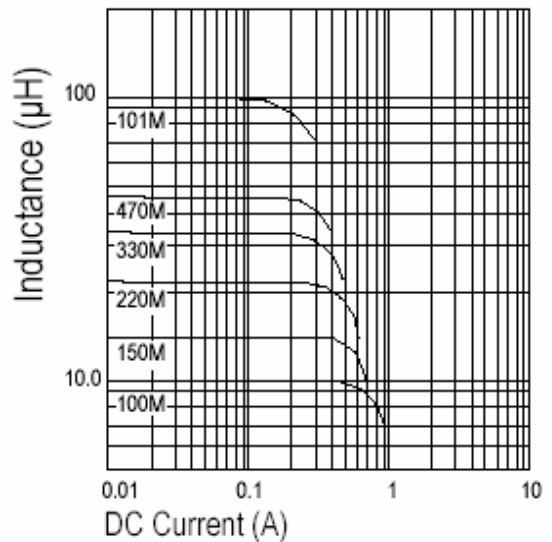
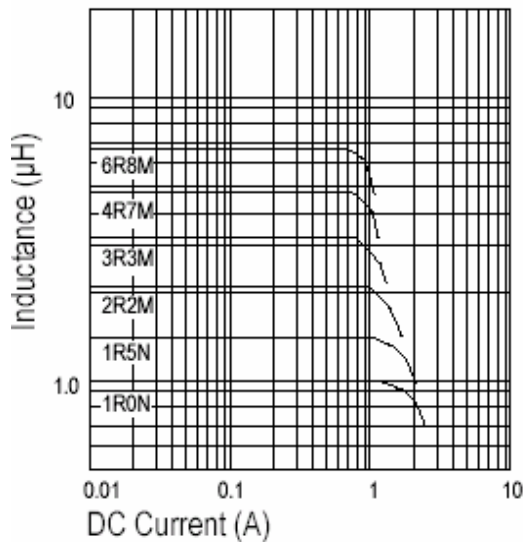
$a \leq W/3$  Good  
 $a > W/3$  NG

## Electrical Curve

L vs Frequency



L vs Current



## Electrical Curve

CORE : FERRITE

WIRE : CLASS H(180°C) SOLDERABLE POLYURETHANE ENAMELED COPPER WIRE.

EPOXY COATED : MAGNETIC POWDER RESIN.

SOLDER : Pb FREE