



THE DATASHEET OF ELJ-RG27NJF

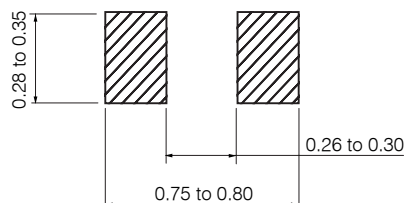
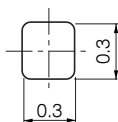
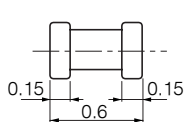


1. Non Magnetic Core Types RG, RF, RE, NJ, ND, NC, NA

■ Type 0603(0201)RG

● Dimensions in mm (not to scale)

● Recommended Land Pattern in mm (not to scale)





■ Examples

| Part No. | Inductance | | Q min. | L, Q Test Freq. (MHz) | Q Typical (800 MHz) | SRF *1 (MHz)min. | DCR *2 (Ω)max. | DC Current (mA)max. |
|------------|------------|-----------|--------|-----------------------|---------------------|------------------|----------------|---------------------|
| | (nH) | Tolerance | | | | | | |
| ELJRG1N0DF | 1.0 | ±0.3 nH | 4 | 100 | 17 | 20000 | 0.12 | 550 |
| ELJRG1N2DF | 1.2 | | | | 17 | 20000 | 0.15 | 550 |
| ELJRG1N5DF | 1.5 | | | | 17 | 20000 | 0.18 | 550 |
| ELJRG1N8DF | 1.8 | | | | 17 | 20000 | 0.22 | 420 |
| ELJRG2N2DF | 2.2 | | | | 16 | 13000 | 0.26 | 420 |
| ELJRG2N7DF | 2.7 | | | | 16 | 13000 | 0.32 | 420 |
| ELJRG3N3DF | 3.3 | | | | 16 | 10000 | 0.38 | 300 |
| ELJRG3N9DF | 3.9 | | | | 16 | 9600 | 0.48 | 300 |
| ELJRG4N7DF | 4.7 | | | | 16 | 8800 | 0.56 | 300 |
| ELJRG5N6DF | 5.6 | | | | 16 | 8300 | 0.70 | 230 |
| ELJRG6N8JF | 6.8 | ±5 % | 3 | 16 | 7400 | 0.82 | 230 | |
| ELJRG8N2JF | 8.2 | | | 16 | 7000 | 1.00 | 230 | |
| ELJRG10NJF | 10.0 | | | 16 | 6600 | 1.30 | 230 | |
| ELJRG12NJF | 12.0 | | | 16 | 6100 | 1.60 | 190 | |
| ELJRG15NJF | 15.0 | | | 16 | 5600 | 2.20 | 150 | |
| ELJRG18NJF | 18.0 | | | 15 | 5400 | 2.80 | 130 | |
| ELJRG22NJF | 22.0 | | | 14 | 4600 | 3.50 | 120 | |

*1 : Self Resonant Frequency *2 : DC Resistance

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-  [Panasonic Information](#)

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