

Ceramic, High Q, Microwave (CBR), 30 pF, 1%, 250 V, 0603, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



#### Dimensions

|   |                 |
|---|-----------------|
| L | 1.6mm +/-0.1mm  |
| W | 0.8mm +/-0.1mm  |
| T | 0.8mm +/-0.07mm |
| B | 0.4mm +/-0.15mm |

#### Packaging Specifications

|                     |                          |
|---------------------|--------------------------|
| Packaging:          | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 4000                     |

#### General Information

|                |                                                |
|----------------|------------------------------------------------|
| Style:         | SMD Chip                                       |
| Series:        | Microwave (CBR)                                |
| Chip Size:     | 0603                                           |
| Description:   | SMD, Fixed, RF, Ultra High Q, Low ESR, Class I |
| Features:      | Ultra High Q, Low ESR, Class I                 |
| RoHS:          | Yes                                            |
| Termination:   | Tin                                            |
| Marking:       | No                                             |
| Miscellaneous: | Minimum Q = 1400                               |
| Notes:         | Solder Wave or Solder Reflow                   |

#### Specifications

|                                  |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 30 pF               |
| Capacitance Tolerance:           | 1%                  |
| Voltage DC:                      | 250 VDC             |
| Dielectric Withstanding Voltage: | 500 V               |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | C0G                 |
| Dissipation Factor:              | 0.1%                |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 10 GOhms            |
| Quality Factor:                  | 1400                |