

Ceramic, High Q, Microwave (CBR), 16 pF, 1%, 50 V, 0402, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



#### Dimensions

|   |                     |
|---|---------------------|
| L | 1mm +/-0.05mm       |
| W | 0.5mm +/-0.05mm     |
| T | 0.5mm +/-0.05mm     |
| B | 0.25mm +0.05/-0.1mm |

#### Packaging Specifications

|                     |                          |
|---------------------|--------------------------|
| Packaging:          | T&R, 180mm, Plastic Tape |
| Packaging Quantity: | 10000                    |

#### General Information

|                |                                                |
|----------------|------------------------------------------------|
| Style:         | SMD Chip                                       |
| Series:        | Microwave (CBR)                                |
| Chip Size:     | 0402                                           |
| 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 = 1120                               |
| Notes:         | Solder Reflow Only                             |

#### Specifications

|                                  |                     |
|----------------------------------|---------------------|
| Capacitance:                     | 16 pF               |
| Capacitance Tolerance:           | 1%                  |
| Voltage DC:                      | 50 VDC              |
| Dielectric Withstanding Voltage: | 125 V               |
| Temperature Range:               | -55/+125C           |
| Temperature Coefficient:         | C0G                 |
| Dissipation Factor:              | 0.139%              |
| Aging Rate:                      | 0% Loss/Decade Hour |
| Insulation Resistance:           | 10 GOhms            |
| Quality Factor:                  | 1120                |