

Ceramic, High Q, Microwave (CBR), 20 pF, 1%, 50 V, 0402, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



**Dimensions**

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

**Packaging Specifications**

|                            |                          |
|----------------------------|--------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Plastic Tape |
| <b>Packaging Quantity:</b> | 10000                    |

**General Information**

|                       |  |
|-----------------------|--|
| <b>Style:</b>         | SMD Chip                                       |
| <b>Series:</b>        | Microwave (CBR)                                |
| <b>Chip Size:</b>     | 0402   |
| <b>Description:</b>   | SMD, Fixed, RF, Ultra High Q, Low ESR, Class I |
| <b>Features:</b>      | Ultra High Q, Low ESR, Class I                 |
| <b>RoHS:</b>          | Yes  |
| <b>Termination:</b>   | Tin  |
| <b>Marking:</b>       | No   |
| <b>Miscellaneous:</b> | Minimum Q = 1200                               |
| <b>Notes:</b>         | Solder Reflow Only                             |

**Specifications**

|   |                     |
|---|---------------------|
| <b>Capacitance:</b>                     | 20 pF               |
| <b>Capacitance Tolerance:</b>           | 1%                  |
| <b>Voltage DC:</b>                      | 50 VDC              |
| <b>Dielectric Withstanding Voltage:</b> | 125 V               |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | COG                 |
| <b>Dissipation Factor:</b>              | 0.125%              |
| <b>Aging Rate:</b>                      | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 10 GOhms            |
| <b>Quality Factor:</b>                  | 1200                |

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