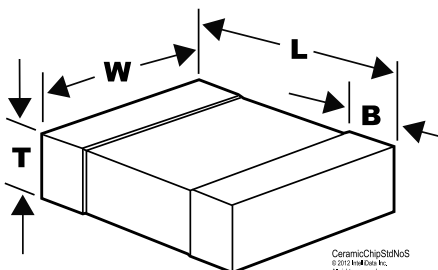


Ceramic, High Q, Microwave (CBR), 5.6 pF, +/-0.1 pF, 100 V, 0402, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I



#### 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 = 912                                |
| <b>Notes:</b>         | Solder Reflow Only                             |

#### Specifications

|                                         |                     |
|-----------------------------------------|---------------------|
| <b>Capacitance:</b>                     | 5.6 pF              |
| <b>Capacitance Tolerance:</b>           | +/-0.1 pF           |
| <b>Voltage DC:</b>                      | 100 VDC             |
| <b>Dielectric Withstanding Voltage:</b> | 250 V               |
| <b>Temperature Range:</b>               | -55/+125C           |
| <b>Temperature Coefficient:</b>         | C0G                 |
| <b>Dissipation Factor:</b>              | 0.195%              |
| <b>Aging Rate:</b>                      | 0% Loss/Decade Hour |
| <b>Insulation Resistance:</b>           | 10 GOhms            |
| <b>Quality Factor:</b>                  | 912                 |