

Ceramic, High Q, Microwave (CBR), 18 pF, 1%, 50 V, 0402, COG, 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

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

General Information

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|-----------------------|--|
| 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 = 1160 |
| Notes: | Solder Reflow Only |

Specifications

| | |
|---|---------------------|
| Capacitance: | 18 pF |
| Capacitance Tolerance: | 1% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | COG |
| Dissipation Factor: | 0.132% |
| Aging Rate: | 0% Loss/Decade Hour |
| Insulation Resistance: | 10 GOhms |
| Quality Factor: | 1160 |

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