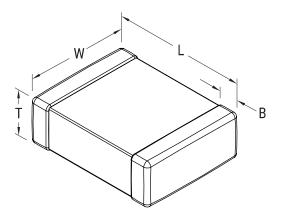
KEMET Part Number: CBR04C209B1GAC



CBR-SMD RF C0G, Ceramic, 2 pF, +/-0.1 pF, 100 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402



| Dimensions | | |
|------------|---------------------|--|
| Chip Size | 0402 | |
| L | 1mm +/-0.05mm | |
| W | 0.5mm +/-0.05mm | |
| Т | 0.5mm +/-0.05mm | |
| В | 0.25mm +0.05/-0.1mm | |

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

| General Information | | |
|---------------------|---|--|
| Series: | CBR-SMD RF C0G | |
| Style: | SMD Chip | |
| 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 | |
| AEC-Q200: | No | |
| Component Weight: | 1400 ug | |
| Notes: | Solder Reflow Only. | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 2 pF | |
| Capacitance Tolerance: | +/-0.1 pF | |
| Voltage DC: | 100 VDC | |
| Dielectric Withstanding Voltage: | 250 VDC | |
| Temperature Range: | -55/+125°C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.227% | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 10 GOhms | |
| Quality Factor: | 440 | |

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