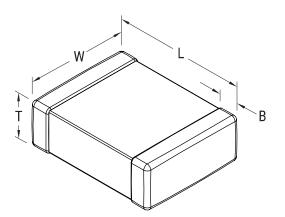
KEMET Part Number: CBR05C569CAGAC



CBR05 SMD RF C0G, Ceramic, 5.6 pF, +/-0.25 pF, 250 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0505



| Dimensions | | |
|------------|----------------------|--|
| Chip Size | 0505 | |
| L | 1.4mm +0.38/-0.25mm | |
| W | 1.4mm +/-0.38mm | |
| Т | 1.15mm +/-0.15mm | |
| В | 0.25mm +0.25/-0.13mm | |

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging: | T&R, 180mm, Plastic Tape | |
| Packaging Quantity: | 3000 | |

| General Information | | |
|---------------------|---|--|
| Series: | CBR05 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 | |
| Miscellaneous: | Minimum Q = 912. | |
| Notes: | Solder Reflow Only. | |
| Shelf Life: | 78 Weeks | |
| MSL: | 1 | |

| Specifications | | |
|-------------------------------------|---------------------|--|
| Capacitance: | 5.6 pF | |
| Capacitance Tolerance: | +/-0.25 pF | |
| Voltage DC: | 250 VDC | |
| Dielectric Withstanding Voltage: | 500 VDC | |
| Temperature Range: | -55/+125°C | |
| Temperature Coefficient: | COG | |
| Aging Rate: | 0% Loss/Decade Hour | |
| Insulation Resistance: | 10 GOhms | |
| Quality Factor: | 912 | |

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