



Click [here](#) for the 3D model.

General Information

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| Series | CBR05 SMD RF COG |
| 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 |
| Notes | Solder Reflow Only. |
| Shelf Life | 78 Weeks |
| MSL | 1 |

Dimensions

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|-----------|----------------------|
| Chip Size | 0505 |
| L | 1.4mm +0.38/-0.25mm |
| W | 1.4mm +/-0.38mm |
| T | 1.15mm +/-0.15mm |
| B | 0.25mm +0.25/-0.13mm |

Packaging Specifications

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

Specifications

| | |
|---------------------------------|---------------------|
| Capacitance | 6.8 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 | 936 |

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