



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

#### General Information

|             |  |
|-------------|--|
| 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

|           |                      |
|-----------|----------------------|
| 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

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

#### Specifications

|                                 |                     |
|---------------------------------|---------------------|
| Capacitance                     | 15 pF               |
| Tolerance                       | 5%                  |
| Voltage DC                      | 250 VDC             |
| Dielectric Withstanding Voltage | 500 VDC             |
| Temperature Range               | -55/+125°C          |
| Temp. Coefficient               | COG                 |
| Aging Rate                      | 0% Loss/Decade Hour |
| Insulation Resistance           | 10 GOhms            |
| Quality Factor                  | 1100                |

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