

## CBR08C999C1GAC

CBR-SMD RF COG, Ceramic, 9.9 pF, +/-0.25 pF, 100 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0805



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

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0805            |
| L          | 2mm +/-0.2mm    |
| W          | 1.25mm +/-0.2mm |
| T          | 0.85mm +/-0.1mm |
| B          | 0.5mm +/-0.2mm  |

  

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 180mm, Plastic Tape |
| Packaging Quantity       | 4000                     |

| General Information |                                                |
|---------------------|------------------------------------------------|
| Series              | CBR-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                                             |
| Component Weight    | 10.7 mg                                        |
| Notes               | Solder Wave or Solder Reflow.                  |
| Shelf Life          | 78 Weeks                                       |
| MSL                 | 1                                              |

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 9.9 pF              |
| Capacitance Tolerance           | +/-0.25 pF          |
| Voltage DC                      | 100 VDC             |
| Dielectric Withstanding Voltage | 250 VDC             |
| Temperature Range               | -55/+125°C          |
| Temperature Coefficient         | COG                 |
| Dissipation Factor              | 0.167%              |
| Aging Rate                      | 0% Loss/Decade Hour |
| Insulation Resistance           | 10 GOhms            |
| Quality Factor                  | 598                 |

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