

## CBR04C659D3GAC

CBR-SMD RF COG, Ceramic, 6.5 pF, +/-0.5 pF, 25 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402



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

### Dimensions

|           |                     |
|-----------|---------------------|
| Chip Size | 0402                |
| L         | 1mm +/-0.05mm       |
| W         | 0.5mm +/-0.05mm     |
| T         | 0.5mm +/-0.05mm     |
| B         | 0.25mm +0.05/-0.1mm |

### Packaging Specifications

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

### 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 | 1.4 mg   |
| Notes            | Solder Reflow Only.                            |
| Shelf Life       | 78 Weeks                                       |
| MSL              | 1  |

### Specifications

|                                 |                     |
|---------------------------------|---------------------|
| Capacitance                     | 6.5 pF              |
| Capacitance Tolerance           | +/-0.5 pF           |
| Voltage DC                      | 25 VDC              |
| Dielectric Withstanding Voltage | 62.5 VDC            |
| Temperature Range               | -55/+125°C          |
| Temperature Coefficient         | COG                 |
| Dissipation Factor              | 0.189%              |
| Aging Rate                      | 0% Loss/Decade Hour |
| Insulation Resistance           | 10 GOhms            |
| Quality Factor                  | 530                 |