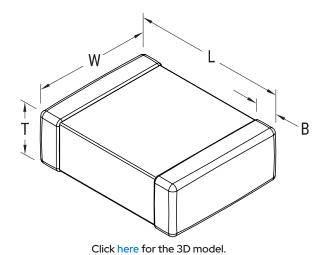


**General Information** 

Specifications



CBR-SMD RF COG, Ceramic, 2.8 pF, +/-0.1 pF, 50 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0603



| Series                   | CBR-SMD RF COG                                    |
|--------------------------|---|
| Style                    | SMD Chip  |
| Description              | SMD, Fixed, RF, Ultra High Q,<br>Low ESR, Class I |
| Features                 | Ultra High Q, Low ESR, Class I                    |
| RoHS                     | Yes   |
| Termination              | Tin   |
| Marking                  | No  |
| AEC-Q200                 | No  |
| Typical Component Weight | 5.29 mg   |
| Notes                    | Solder Wave or Solder Reflow.                     |
| Shelf Life               | 78 Weeks  |
| MSL                      | 1   |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0603            |
| L          | 1.6mm +/-0.1mm  |
| W          | 0.8mm +/-0.1mm  |
| Т          | 0.8mm +/-0.07mm |
| В          | 0.4mm +/-0.15mm |

|  | Capacitance                     | 2.8 pF              |
|--|---------------------------------|---------------------|
|  | Tolerance                       | +/-0.1 pF           |
|  | Voltage DC                      | 50 VDC              |
|  | Dielectric Withstanding Voltage | 125 VDC             |
|  | Temperature Range               | -55/+125°C          |
|  | Temp. Coefficient               | COG                 |
|  | Dissipation Factor              | 0.219%              |
|  | Aging Rate                      | 0% Loss/Decade Hour |
|  | Insulation Resistance           | 10 GOhms            |
|  | Quality Factor                  | 456                 |
|  |                                 |                     |

## Packaging Specifications

Packaging Packaging Quantity T&R, 180mm, Plastic Tape 4000

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