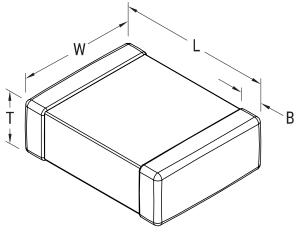


## CBR04C229B5GACAUTO

CBR-SMD RF Auto COG, Ceramic, 2.2 pF, +/-0.1 pF, 50 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402



Click here for the 3D model.

| General Information      |   |
|--------------------------|---|
| Series                   | CBR-SMD RF Auto 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  |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Halogen Free             | Yes   |
| Typical Component Weight | 1.37 mg   |
| Notes                    | Solder Wave or Solder Reflow.                     |
| Shelf Life               | 78 Weeks  |
| MSL                      | 1   |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0402            |
| L          | 1mm +/-0.05mm   |
| W          | 0.5mm +/-0.05mm |
| Т          | 0.5mm +/-0.05mm |
| В          | 0.25mm +/-0.1mm |

## **Packaging Specifications**

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

| Specifications   |                        |
|--|------------------------|
| Capacitance  | 2.2 pF                 |
| Tolerance  | +/-0.1 pF              |
| Voltage DC   | 50 VDC                 |
| Dielectric Withstanding Voltage  | 125 VDC                |
| Temperature Range  | -55/+125°C             |
| Temp. Coefficient  | COG                    |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 30 ppm/C, 1MHz 1.0Vrms |
| Dissipation Factor   | 0.23%1MHz1.0Vrms       |
| Aging Rate   | 0% Loss/Decade Hour    |
| Insulation Resistance  | 10 GOhms               |
| Quality Factor   | 444                    |

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