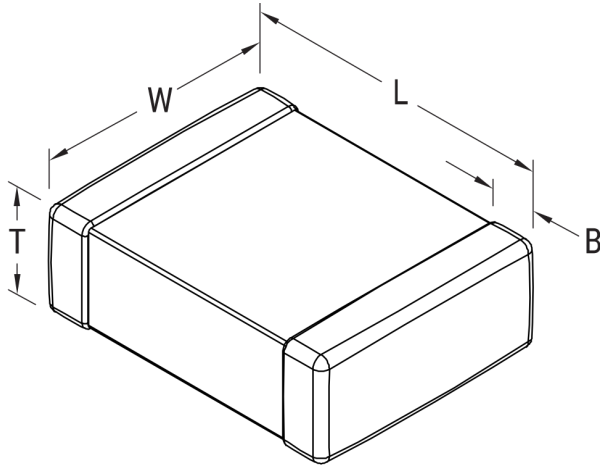


## CBR02C130F5GAC

CBR-SMD RF COG, Ceramic, 13 pF, 1%, 50 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0201



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

### 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 | 0.3 mg                                         |
| Notes            | Solder Reflow Only.                            |
| Shelf Life       | 78 Weeks                                       |
| MSL              | 1                                              |

### Specifications

|                                 |                     |
|---------------------------------|---------------------|
| Capacitance                     | 13 pF               |
| Capacitance Tolerance           | 1%                  |
| Voltage DC                      | 50 VDC              |
| Dielectric Withstanding Voltage | 125 VDC             |
| Temperature Range               | -55/+125°C          |
| Temperature Coefficient         | COG                 |
| Dissipation Factor              | 0.152%              |
| Aging Rate                      | 0% Loss/Decade Hour |
| Insulation Resistance           | 10 GOhms            |
| Quality Factor                  | 660                 |

### Dimensions

|           |                  |
|-----------|------------------|
| Chip Size | 0201             |
| L         | 0.6mm +/-0.03mm  |
| W         | 0.3mm +/-0.03mm  |
| T         | 0.3mm +/-0.03mm  |
| B         | 0.15mm +/-0.05mm |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 15000                    |

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