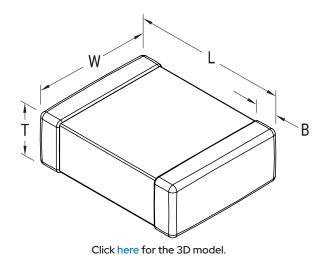




CBR-SMD RF COG, Ceramic, 5.8 pF, +/-0.25 pF, 50 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0402



**General Information** CBR-SMD RF COG Series Style SMD Chip SMD, Fixed, RF, Ultra High Q, Description Low ESR, Class I Features Ultra High Q, Low ESR, Class I RoHS Yes Termination Tin Marking No AEC-Q200 No 1.37 mg Typical Component Weight Notes Solder Reflow Only. 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 +0.05/-0.1mm |

| Packaging Specifications |  |
|--------------------------|--|
| Packaging                |  |

Packaging Quantity

T&R, 180mm, Plastic Tape 10000

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 5.8 pF              |
| Tolerance                       | +/-0.25 pF          |
| Voltage DC                      | 50 VDC              |
| Dielectric Withstanding Voltage | 125 VDC             |
| Temperature Range               | -55/+125°C          |
| Temp. Coefficient               | COG                 |
| Dissipation Factor              | 0.194%              |
| Aging Rate                      | 0% Loss/Decade Hour |
| Insulation Resistance           | 10 GOhms            |
| Quality Factor                  | 516                 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.