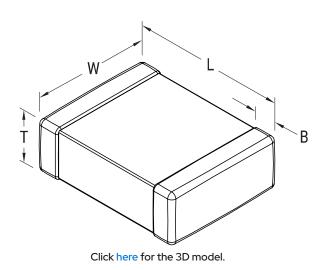




CBR-SMD RF COG, Ceramic, 7.7 pF, +/-0.1 pF, 500 VDC, COG, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0805



| General Information      |   |
|--------------------------|---|
| 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 | 12.03 mg  |
| Notes                    | Solder Wave or Solder Reflow.                     |
| Shelf Life               | 78 Weeks  |
| MSL                      | 1   |

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0805            |
| L          | 2mm +/-0.2mm    |
| W          | 1.25mm +/-0.2mm |
| T          | 0.85mm +/-0.1mm |
| В          | 0.5mm +/-0.2mm  |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 180mm, Plastic Tape |
| Packaging Quantity       | 4000                     |

| Specifications                  |                     |
|---------------------------------|---------------------|
| Capacitance                     | 7.7 pF              |
| Tolerance                       | +/-0.1 pF           |
| Voltage DC                      | 500 VDC             |
| Dielectric Withstanding Voltage | 750 VDC             |
| Temperature Range               | -55/+125°C          |
| Temp. Coefficient               | COG                 |
| Dissipation Factor              | 0.181%              |
| Aging Rate                      | 0% Loss/Decade Hour |
| Insulation Resistance           | 10 GOhms            |
| Quality Factor                  | 554                 |

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