

ESD SMD Comm COG, Ceramic, 1000 pF, 5%, 25 VDC, COG, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0805



| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0805            |
| L          | 2mm +/-0.3mm    |
| W          | 1.25mm +/-0.3mm |
| T          | 0.9mm +/-0.10mm |
| S          | 0.75mm MIN      |
| B          | 0.5mm +/-0.25mm |

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging:               | T&R, 330mm, Plastic Tape |
| Packaging Quantity:      | 10000                    |

| General Information |  |
|---------------------|--|
| Series:             | ESD SMD Comm COG   |
| Style:              | SMD Chip   |
| Description:        | SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I |
| Features:           | Temperature Stable, Low ESR, Class I                             |
| RoHS:               | Yes  |
| Termination:        | Flexible Termination   |
| Marking:            | No   |
| AEC-Q200:           | No   |
| Component Weight:   | 13 mg  |
| Shelf Life:         | 78 Weeks   |
| MSL:                | 1  |

| Specifications  |                           |
|---|---------------------------|
| Capacitance:  | 1000 pF                   |
| Measurement Condition:  | 1 MHz 1.0Vrms             |
| Capacitance Tolerance:  | 5%                        |
| Voltage DC:   | 25 VDC                    |
| ESD Level per AEC-Q200:   | 8,000 V ESD Level         |
| Dielectric Withstanding Voltage:                                    | 62.5 VDC                  |
| Temperature Range:  | -55/+125°C                |
| Temperature Coefficient:  | COG                       |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC): | 30 ppm/C, 1MegaHz 1.0Vrms |
| Dissipation Factor:   | 0.1% 1 MHz 1.0Vrms        |
| Aging Rate:   | 0% Loss/Decade Hour       |
| Insulation Resistance:  | 100 GOhms                 |

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