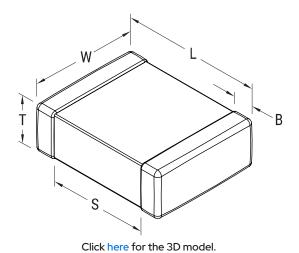


C0805C102K5RAC7215

SMD Comm X7R, Ceramic, 1,000 pF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0805, 0.7 mm



| General Information | |
|--------------------------|--|
| Series | SMD Comm X7R |
| Style | SMD Chip |
| Description | SMD, MLCC, Temperature Stable, Class II |
| Features | Temperature Stable, Class II |
| RoHS | Yes |
| Termination | Tin |
| Marking | Yes |
| AEC-Q200 | No |
| Typical Component Weight | 11 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|------------------|
| Chip Size | 0805 |
| L | 2mm +/-0.2mm |
| W | 1.25mm +/-0.2mm |
| т | 0.78mm +/-0.10mm |
| S | 0.7mm MIN |
| В | 0.5mm +/-0.25mm |
| | |

Packaging Specifications

PackagingT&R, 330mm, Paper TapePackaging Quantity15000

| Specifications | |
|--|--|
| Capacitance | 1,000 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 VDC |
| Temperature Range | -55/+125°C |
| Temp. Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 2.5%1kHz1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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