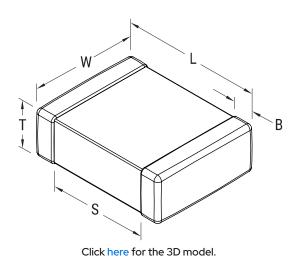


C1206J104K5RACTU

Aliases (C1206J104K5RAC7800) SMD Comm X7R FO, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, SMD, MLCC, Open Mode, Temperature Stable, 1206, 1.5 mm



| General Information | |
|--------------------------|---|
| Series | SMD Comm X7R FO |
| Style | SMD Chip |
| Description | SMD, MLCC, Open Mode, Temperature Stable |
| Features | Open Mode, Temperature Stable |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | No |
| AEC-Q200 | No |
| Typical Component Weight | 25 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|-----------------|
| Chip Size | 1206 |
| L | 3.3mm +/-0.4mm |
| W | 1.6mm +/-0.35mm |
| Т | 0.9mm +/-0.20mm |
| S | 1.5mm MIN |
| В | 0.6mm +/-0.25mm |
| | |

| В | 0.6mm +/-0.25mm |
|--------------------------|--------------------------|
| | |
| Packaging Specifications | |
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 4000 |

| Specifications | |
|--|--|
| Capacitance | 0.1 uF |
| 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% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 10 GOhms |

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