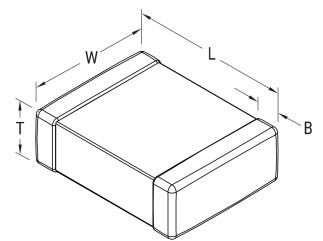


C1206Y102K9RACTU

Aliases (C1206Y102K9RAC7800)

SMD Comm X7R FF, Ceramic, 1000 pF, 10%, 6.3 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, 1206



Click here for the 3D model.

| Dimensions | | |
|------------|------------------|--|
| Chip Size | 1206 | |
| L | 3.3mm +/-0.4mm | |
| W | 1.6mm +/-0.35mm | |
| Т | 0.78mm +/-0.20mm | |
| В | 0.6mm +/-0.25mm | |

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

| General Information | |
|---------------------|---------------------------------------|
| Series | SMD Comm X7R FF |
| Style | SMD Chip |
| Description | SMD, MLCC, FF-CAP, Floating Electrode |
| Features | FF-CAP, Floating Electrode |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | No |
| AEC-Q200 | No |
| Component Weight | 17 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|---|--|
| Capacitance | 1000 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 6.3 VDC |
| Dielectric Withstanding Voltage | 15.75 VDC |
| Temperature Range | -55/+125°C |
| Temperature Coefficient | X7R |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms |
| Dissipation Factor | 5%1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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