



Click [here](#) for the 3D model.

| Dimensions | |
|------------|------------------|
| Chip Size | 0805 |
| L | 2mm +/-0.35mm |
| W | 1.25mm +/-0.3mm |
| T | 1.25mm +/-0.20mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

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

| General Information | |
|---------------------|---------------------------------------|
| Series | SMD Comm X7R Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, FT-CAP, Temperature Stable |
| Features | FT-CAP, Temperature Stable |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | No |
| AEC-Q200 | No |
| Component Weight | 21 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|---|
| Capacitance | 4.7 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 20% |
| 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 | 10% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 21.3 MOhms |

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