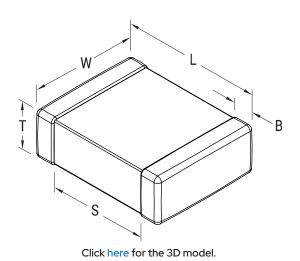




SMD Auto X7R Flex, Ceramic, 1,000 pF, 20%, 25 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 0603, 0.4 mm



| General Information | |
|--------------------------|--|
| Series | SMD Auto X7R Flex |
| Style | SMD Chip |
| Description | SMD, MLCC, FT-CAP, Automotive Grade |
| Features | FT-CAP, Automotive Grade |
| RoHS | Yes |
| Termination | Flexible Termination |
| Marking | No |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 7.3 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.17mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.15mm |
| S | 0.4mm MIN |
| В | 0.45mm +/-0.15mm |

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

| Specifications | |
|--|--|
| Capacitance | 1,000 pF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 20% |
| Voltage DC | 25 VDC |
| Dielectric Withstanding Voltage | 62.5 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 | 3.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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