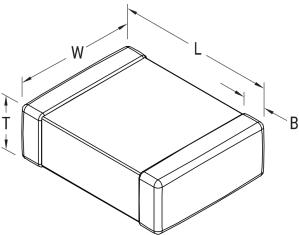


C1206X105K1RACAUTO

SMD Auto X7R Flex, Ceramic, 1 uF, 10%, 100 VDC, X7R, SMD, MLCC, FT-CAP, Automotive Grade, 1206



Click here for the 3D model.

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

| Packaging Specifications | | |
|--------------------------|--------------------------|--|
| Packaging | T&R, 180mm, Plastic Tape | |
| Packaging Quantity | 2000 | |

| 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 |
| Component Weight | 41 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|--|--|
| Capacitance | 1uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 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 | 2.5% 1 kHz 1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 500 MOhms |

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