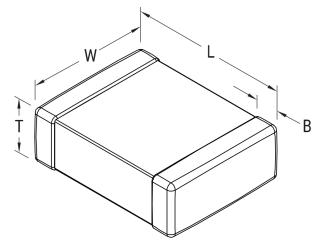


C1206C103K5RECAUT07210 ESD SMD Auto X7R, Ceramic, 0.01 uF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 1206



Click here for the 3D model.

| Dimensions | | |
|------------|------------------|--|
| Chip Size | 1206 | |
| L | 3.2mm +/-0.2mm | |
| W | 1.6mm +/-0.2mm | |
| Т | 0.78mm +/-0.10mm | |
| В | 0.5mm +/-0.25mm | |

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

| General Information | |
|---------------------|--|
| Series | ESD SMD Auto X7R |
| Style | SMD Chip |
| Description | SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade |
| Features | Temperature Stable, Automotive Grade |
| RoHS | Yes |
| Termination | Tin |
| Marking | No |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 17 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Specifications | |
|---|--|
| Capacitance | 0.01 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Capacitance Tolerance | 10% |
| Voltage DC | 50 VDC |
| ESD Level per AEC-Q200 | 25,000 V ESD Level |
| Dielectric Withstanding Voltage | 125 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%1kHz1.0Vrms |
| Aging Rate | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance | 100 GOhms |

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