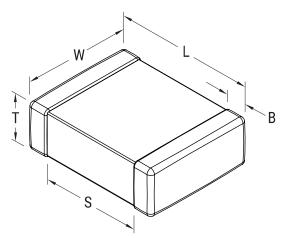


C0805C225K4RECAUTO

ESD SMD Auto X7R, Ceramic, 2.2 uF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0805, 0.7 mm



Click here for the 3D model.

| 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 |
| Typical Component Weight | 21 mg |
| Shelf Life | 78 Weeks |
| MSL | 1 |

| Dimensions | |
|------------|------------------|
| Chip Size | 0805 |
| L | 2mm +/-0.3mm |
| W | 1.25mm +/-0.2mm |
| Т | 1.25mm +/-0.15mm |
| S | 0.7mm MIN |
| В | 0.5mm +/-0.25mm |

Packaging SpecificationsPackagingT&R, 180mm, Plastic TapePackaging Quantity2500

| Specifications | |
|--|--|
| Capacitance | 2.2 uF |
| Measurement Condition | 1 kHz 1.0Vrms |
| Tolerance | 10% |
| Voltage DC | 16 VDC |
| ESD Level per AEC-Q200 | 25,000 V ESD Level |
| Dielectric Withstanding Voltage | 40 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 | 227.3 MOhms |

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