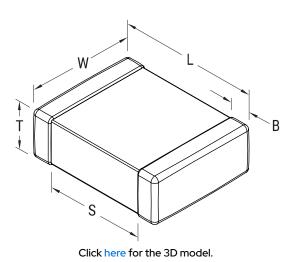




SMD Auto X7R VW80808, Ceramic, 0.56 uF, 10%, 16 VDC, X7R, SMD, MLCC, Automotive Grade, 0805, 0.7 mm



| General Information | |
|--------------------------|-------------------------------------|
| Series | SMD Auto X7R VW80808 |
| Style | SMD Chip |
| Description | SMD, MLCC, Automotive Grade |
| Features | VW 80808 Specification Compliant |
| RoHS | Yes |
| Termination | Flexible Termination |
| Failure Rate | N/A |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Typical Component Weight | 13 mg |
| Shelf Life | 152 Weeks |

| Dimensions | |
|------------|------------------|
| Chip Size | 0805 |
| L | 2mm +/-0.3mm |
| W | 1.25mm +/-0.3mm |
| Т | 1.25mm +/-0.20mm |
| S | 0.7mm MIN |
| В | 0.5mm +/-0.25mm |
| | |

| Specifications | |
|--|--------------------|
| Capacitance | 0.56 uF |
| Tolerance | 10% |
| Voltage DC | 16 VDC |
| 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 |
| Insulation Resistance | 892.9 MOhms |

| Packaging Specifications | |
|--------------------------|--------------------------|
| Packaging | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 2500 |

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