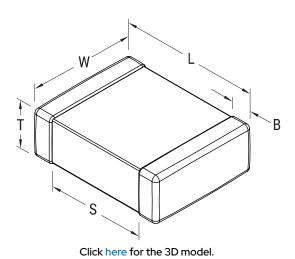




SMD Auto X7R VW80808, Ceramic, 1,000 pF, 10%, 50 VDC, X7R, SMD, MLCC, Automotive Grade, 0603, 0.5 mm



| 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 | 7.3 mg |
| Shelf Life | 152 Weeks |

| 0603 |
|------------------|
| 1.6mm +/-0.17mm |
| 0.8mm +/-0.15mm |
| 0.8mm +/-0.15mm |
| 0.5mm MIN |
| 0.45mm +/-0.15mm |
| |

| Specifications | |
|--|---------------------|
| Capacitance | 1,000 pF |
| Tolerance | 10% |
| Voltage DC | 50 VDC |
| Dielectric Withstanding Voltage | 125 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 | 2.5% 1 kHz 1.0 Vrms |
| Insulation Resistance | 100 GOhms |

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

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