

SMD Auto X7R VW80808, Ceramic, 1000 pF, 10%, 50 VDC, X7R, SMD, MLCC, Automotive Grade, 0603

**Dimensions**

| | |
|-----------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.17mm |
| W | 0.8mm +/-0.15mm |
| T | 0.8mm +/-0.15mm |
| S | 0.58mm MIN |
| B | 0.45mm +/-0.15mm |

Packaging Specifications

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

General Information

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|-----------------|----------------------------------|
| 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 |
| Shelf Life: | 152 Weeks |

Specifications

| | |
|----------------------------------|-----------------|
| Capacitance: | 1000 pF |
| Capacitance Tolerance: | 10% |
| Voltage DC: | 50 VDC |
| Dielectric Withstanding Voltage: | 125 VDC |
| Temperature Range: | -55/+125°C |
| Temperature Coefficient: | X7R |
| Dissipation Factor: | 2.5% 120 Hz 25C |
| Insulation Resistance: | 100 GOhms |