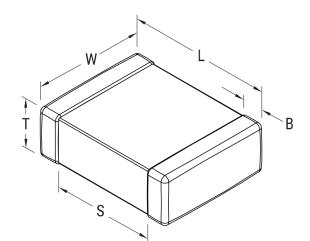


C0603X103K5RAC3316

SMD Auto X7R VW80808, Ceramic, 0.01 uF, 10%, 50 VDC, X7R, SMD, MLCC, Automotive Grade, 0603



Click here for the 3D model.

| Dimensions | |
|------------|------------------|
| Chip Size | 0603 |
| L | 1.6mm +/-0.17mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.15mm |
| S | 0.58mm MIN |
| В | 0.45mm +/-0.15mm |

Packaging Specifications

Packaging Packaging Quantity

T&R, 180mm, Paper Tape 4000

| 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 |
| Shelf Life | 152 Weeks |

| Specifications | | |
|---|----------------------|--|
| Capacitance | 0.01 uF | |
| Capacitance Tolerance | 10% | |
| Voltage DC | 50 VDC | |
| 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%1kHz 1.0Vrms | |
| Insulation Resistance | 100 GOhms | |

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