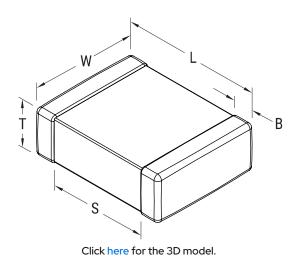




SMD Auto X7R VW80808, Ceramic, 0.01 uF, 10%, 100 VDC, X7R, SMD, MLCC, Automotive Grade, 0.5 mm, 0603 / 1608



| 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 |

| Dimensions | |
|----------------------|------------------|
| L | 1.6mm +/-0.17mm |
| W | 0.8mm +/-0.15mm |
| Т | 0.8mm +/-0.15mm |
| S | 0.5mm MIN |
| В | 0.45mm +/-0.15mm |
| Case Code (EIA / mm) | 0603/1608 |
| | |

| Specifications | |
|--------------------------------------------------------------------------|--------------------|
| Capacitance | 0.01 uF |
| Tolerance | 10% |
| Voltage DC | 100 VDC |
| Dielectric Withstanding Voltage | 250 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 1.0Vrms |
| Insulation Resistance | 100 GOhms |

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

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