



Click [here](#) for the 3D model.

General Information

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|--------------------------|----------------------------------|
| Series | SMD Auto X7R HV 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 | 21 mg |
| Shelf Life | 152 Weeks |

Specifications

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|--|--------------------|
| Capacitance | 33 pF |
| Tolerance | 10% |
| Voltage DC | 500 VDC |
| Dielectric Withstanding Voltage | 750 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 |

Dimensions

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|-----------|------------------|
| Chip Size | 0805 |
| L | 2mm +/-0.3mm |
| W | 1.25mm +/-0.3mm |
| T | 1.25mm +/-0.15mm |
| S | 0.75mm MIN |
| B | 0.5mm +/-0.25mm |

Packaging Specifications

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

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