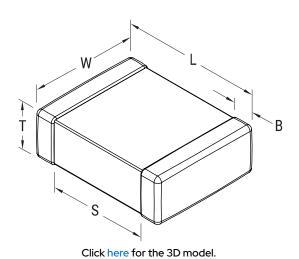


General Information



SMD Auto X7R HV VW80808, Ceramic, 18 pF, 10%, 500 VDC, X7R, SMD, MLCC, Automotive Grade, 1210



| 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 | 85 mg |
| Shelf Life | 152 Weeks |

| Dimensions | |
|------------|-----------------|
| Chip Size | 1210 |
| L | 3.3mm +/-0.4mm |
| W | 2.6mm +/-0.3mm |
| Т | 1.7mm +/-0.20mm |
| В | 0.6mm +/-0.25mm |

| VV | 2.611111 +/ -0.311111 | voltage DC | 500 V |
|--------------------------|--------------------------|---|---------|
| Т | 1.7mm +/-0.20mm | Dielectric Withstanding Voltage | 750 VI |
| В | 0.6mm +/-0.25mm | Temperature Range | -55/+1 |
| | | Temp. Coefficient | X7R |
| Packaging Specifications | | Capacitance Change with | 15%, 1k |
| Packaging | T&R, 180mm, Plastic Tape | Reference to +25°Č and 0 VDC Applied (TCC) | · |
| Packaging Quantity 2000 | | | |
| | | Discipation Factor | 2 E0/ 1 |

| Specifications | |
|--|--------------------|
| Capacitance | 18 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 |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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