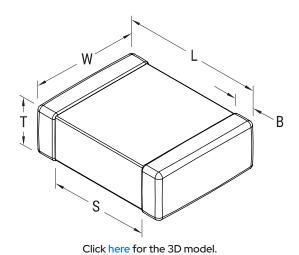


C0805X124K1RAC3317

SMD Auto X7R VW80808, Ceramic, 0.12 uF, 10%, 100 VDC, X7R, SMD, MLCC, Automotive Grade, 0805, 0.7 mm



| 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 | 21 mg |
| Shelf Life | 152 Weeks |

| Dimensions | | |
|------------|------------------|--|
| Chip Size | 0805 | |
| L | 2mm +/-0.3mm | |
| W | 1.25mm +/-0.3mm | |
| т | 1.25mm +/-0.15mm | |
| S | 0.7mm MIN | |
| В | 0.5mm +/-0.25mm | |
| | | |

Packaging Specifications

Packaging Packaging Quantity T&R, 330mm, Plastic Tape 10000

| Specifications | |
|--|-------------------|
| Capacitance | 0.12 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%1kHz1.0Vrms |
| 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.