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**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
Typical Component Weight	13 mg
Shelf Life	152 Weeks

**Specifications**

Capacitance	1 uF
Tolerance	10%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 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	3.5% 1 kHz 1.0Vrms
Insulation Resistance	500 MOhms

**Dimensions**

L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	1.25mm +/-0.20mm
S	0.7mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

**Packaging Specifications**

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

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