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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	7.3 mg
Shelf Life	152 Weeks

**Specifications**

Capacitance	6,800 pF
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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**

L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
S	0.5mm MIN
B	0.45mm +/-0.15mm
Case Code (EIA / mm)	0603 / 1608

**Packaging Specifications**

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

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