

SMD Auto X7R VW80808, Ceramic, 1 uF, 10%, 25 VDC, X7R, SMD, MLCC, Automotive Grade, 0805

**Dimensions**

Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	1.25mm +/-0.20mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
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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
AEC-Q200:	Yes
Shelf Life:	152 Weeks

Specifications

Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5% 120 Hz 25C
Insulation Resistance:	10 GOhms