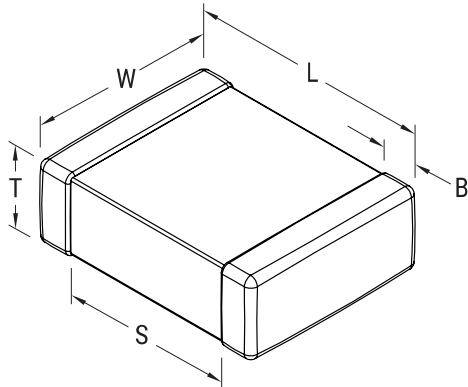


SMD Auto X7R VW80808, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, SMD, MLCC, Automotive Grade, 0603

**Dimensions**

Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
S	0.58mm MIN
B	0.45mm +/-0.15mm

Packaging Specifications

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

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:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5% 120 Hz 25C
Insulation Resistance:	10 GOhms