

C0603X104K3RAC3316

SMD Auto X7R VW80808, Ceramic, 0.1 uF, 10%, 25 VDC, X7R, SMD, MLCC, Automotive Grade, 0603  $\,$ 



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.15mm
S	0.58mm MIN
В	0.45mm +/-0.15mm

## **Packaging Specifications**

Packaging Packaging Quantity

T&R, 180mm, Paper Tape 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	25 VDC	
Dielectric Withstanding Voltage	62.5 VDC	
Temperature Range	-55/+125°C	
Temperature 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	5 GOhms	

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