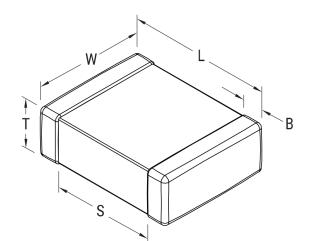


C0603X104K3RAC3316

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	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.