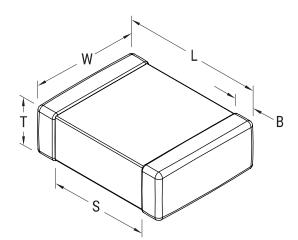


## C0603X103K5RAC3316

SMD Auto X7R VW80808, Ceramic, 0.01 uF, 10%, 50 VDC, X7R, SMD, MLCC, Automotive Grade, 0603, 0.5 mm



Click here for the 3D model.

**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 AEC-Q200 Qualifications AEC-Q200 Yes **Typical Component Weight** 7.3 mg Shelf Life 152 Weeks

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
т	0.8mm +/-0.15mm
S	0.5mm MIN
В	0.45mm +/-0.15mm

## Packaging SpecificationsPackagingT&R, 180mm, Paper TapePackaging Quantity4000

Specifications	
Capacitance	0.01 uF
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%1kHz1.0Vrms
Insulation Resistance	100 GOhms

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