

C0603X102K5RAC3316

SMD Auto X7R VW80808, Ceramic, 1000 pF, 10%, 50 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	T&R, 180mm, Paper Tape
Packaging Quantity	4000

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	General Information	
Description SMD, MLCC, Automotive Grade Features VW 80808 Specification Compliant RoHS Yes Termination Flexible Termination Failure Rate N/A	Series	SMD Auto X7R VW80808
Features VW 80808 Specification Compliant RoHS Yes Termination Flexible Termination Failure Rate N/A	Style	SMD Chip
RoHS Yes Termination Flexible Termination Failure Rate N/A	Description	SMD, MLCC, Automotive Grade
Termination Flexible Termination Failure Rate N/A	Features	VW 80808 Specification Compliant
Failure Rate N/A	RoHS	Yes
1,471	Termination	Flexible Termination
Qualifications AEC-Q200	Failure Rate	N/A
	Qualifications	AEC-Q200
AEC-Q200 Yes	AEC-Q200	Yes
Shelf Life 152 Weeks	Shelf Life	152 Weeks

Specifications	
Capacitance	1000 pF
Capacitance Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	2.5% 1 kHz 1.0Vrms
Insulation Resistance	100 GOhms

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