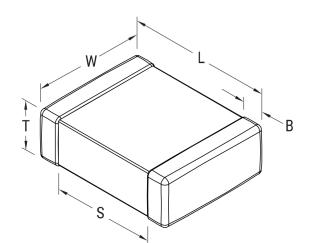


C0805X102K5RAC3316

SMD Auto X7R VW80808, Ceramic, 1000 pF, 10%, 50 VDC, X7R, SMD, MLCC, Automotive Grade, 0805



Click here for the 3D model.

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	0.78mm +/-0.20mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications

Packaging Packaging Quantity

T&R, 180mm, Plastic 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	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%1kHz 1.0Vrms	
Insulation Resistance	100 GOhms	

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