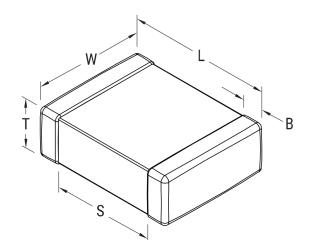


## C0805X101KDRAC3316

SMD Auto X7R HV VW80808, Ceramic, 100 pF, 10%, 1000 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	1.25mm +/-0.15mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

## **Packaging Specifications**

Packaging Packaging Quantity

T&R, 180mm, Plastic Tape 2500

General Information	
Series	SMD Auto X7R HV 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	100 pF	
Capacitance Tolerance	10%	
Voltage DC	1000 VDC	
Dielectric Withstanding Voltage	1200 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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