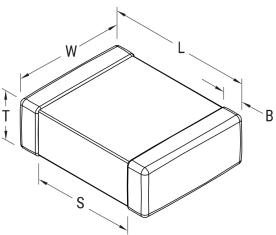


C1210X105K1RAC3316

SMD Auto X7R VW80808, Ceramic, 1 uF, 10%, 100 VDC, X7R, SMD, MLCC, Automotive Grade, 1210



Click here for the 3D model.

Dimensions		
Chip Size	1210	
L	3.3mm +/-0.4mm	
W	2.6mm +/-0.3mm	
Т	1.7mm +/-0.20mm	
В	0.6mm +/-0.25mm	

Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	2000	

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
Component Weight	85 mg
Shelf Life	152 Weeks

Specifications	
Capacitance	1uF
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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	10 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.