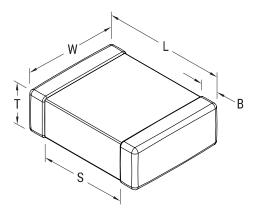
## KEMET Part Number: C0805X105K3RAC3316



## SMD Auto X7R VW80808, Ceramic, 1 uF, 10%, 25 VDC, X7R, SMD, MLCC, Automotive Grade, 0805



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

Packaging Specifications		
Packaging:	T&R, 178mm, Plastic Tape	

General Information	
Supplier:	KEMET
Series:	SMD Auto X7R VW80808
Style:	SMD Chip
Description:	SMD, MLCC, Automotive Grade
Features:	VW 80808 Specification Compliant
RoHS:	Yes
Termination:	Tin
Failure Rate:	N/A
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Chip Size:	0805
Shelf Life:	152 Weeks

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	25 VDC	
Dielectric Withstanding Voltage:	62.5 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.50% 120Hz 25C	
Insulation Resistance:	10 GOhms	

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