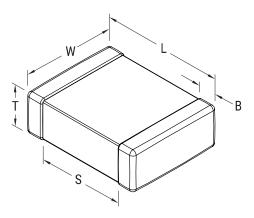
KEMET Part Number: C0603X103K1RAC3316



SMD Auto X7R VW80808, Ceramic, 0.01 uF, 10%, 100 VDC, X7R, SMD, MLCC, Automotive Grade, 0603



Dimensions	
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, 178mm, Paper Tape	
Packaging Quantity:	4000	

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:	0603	
Shelf Life:	152 Weeks	

Specifications		
Capacitance:	0.01 uF	
Capacitance Tolerance:	10%	
Voltage DC:	100 VDC	
Dielectric Withstanding Voltage:	250 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 120Hz 25C	
Insulation Resistance:	100 GOhms	

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