KEMET Part Number: C0603X102K5RAC3316



SMD Auto X7R VW80808, Ceramic, 1000 pF, 10%, 50 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:	1000 pF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 120Hz 25C	
Insulation Resistance:	100 GOhms	

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