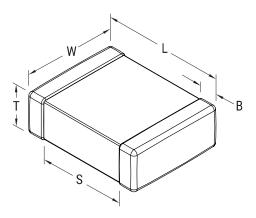
KEMET Part Number: C0805X682KARAC3316



SMD Auto X7R VW80808, Ceramic, 6800 pF, 10%, 250 VDC, X7R, SMD, MLCC, Automotive Grade, 0805



Dimensions		
L	2mm +/-0.3mm	
W	1.25mm +/-0.3mm	
Т	0.78mm +/-0.20mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 178mm, Plastic 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:	0805	
Shelf Life:	152 Weeks	

Specifications		
Capacitance:	6800 pF	
Capacitance Tolerance:	10%	
Voltage DC:	250 VDC	
Dielectric Withstanding Voltage:	625 VDC	
Temperature Range:	-55/+125°C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 120Hz 25C	
Insulation Resistance:	100 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.

