KEMET Part Number: C0805X103K1GECAUTO



ESD SMD Auto C0G, Ceramic, Electro Static Discharge, 0.01 uF, 10%, 100 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade, 0805



Dimensions	
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	0.9mm +/-0.10mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	4000	

General Information	
Supplier:	KEMET
Series:	ESD SMD Auto C0G
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Electro Static Discharge, Automotive Grade
Features:	Temperature Stable, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Chip Size:	0805

Specifications		
Capacitance:	0.01 uF	
Capacitance Tolerance:	10%	
Voltage DC:	100 VDC	
ESD Level per AEC-Q200:	25,000 V ESD Level	
Dielectric Withstanding Voltage:	250 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	COG	
Dissipation Factor:	0.10% 1kHz 25C	
Aging Rate:	0% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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