## **KEMET Part Number: C0805S104K5RACAUTO**



Ceramic, Floating Electrode, AUTO-FloatElectrode-(CxxxxS-AUTO), 0.1 uF, 10%, 50 V, 0805, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Automotive Grade



Dimensions		
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1.25mm +/-0.15mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information	
Style:	SMD Chip
Series:	AUTO-FloatElectrode-(CxxxxS-AUTO)
Chip Size:	0805
Description:	SMD, MLCC, FE-CAP, Floating Electrode, Automotive Grade
Features:	FE-CAP, Floating Electrode, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Approvals:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications		
Capacitance:	0.1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	1 GOhms	

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