KEMET Part Number: C0805C105K8RACAUTO



Ceramic, AUTO-(CxxxxC-AUTO), 1 uF, 10%, 10 V, 0805, X7R, SMD, MLCC, Temperature Stable, Automotive Grade



Dimensions		
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	0.9mm +/-0.10mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

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

General Information		
Style:	SMD Chip	
Series:	AUTO-(CxxxxC-AUTO)	
Chip Size:	0805	
Description:	SMD, MLCC, Temperature Stable, Automotive Grade	
Features:	Temperature Stable, 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:	1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	10 VDC	
Dielectric Withstanding Voltage:	25 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 MOhms	

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