KEMET Part Number: C0805X105K3RACAUTO



Ceramic, AUTO-FlexTerm-(CxxxxX-AUTO), 1 uF, 10%, 25 V, 0805, X7R, SMD, MLCC, FT-CAP, Automotive Grade



Dimensions		
L	2mm +/-0.3mm	
W	1.25mm +/-0.3mm	
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-FlexTerm-(CxxxxX-AUTO)
Chip Size:	0805
Description:	SMD, MLCC, FT-CAP, Automotive Grade
Features:	FT-CAP, Automotive Grade
RoHS:	Yes
Termination:	Flexible Termination
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:	25 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms
Dielectric Strength:	62.5 V

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