KEMET Part Number: C1210C104K1RACAUTO



Ceramic, AUTO-(CxxxxC-AUTO), 0.1 uF, 10%, 100 V, 1210, X7R, SMD, MLCC, Temperature Stable, Automotive Grade



Dimensions		
L	3.2mm +/-0.2mm	
W	2.5mm +/-0.2mm	
Т	0.95mm +/-0.10mm	
В	0.5mm +/-0.25mm	

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

General Information	
Style:	SMD Chip
Series:	AUTO-(CxxxxC-AUTO)
Chip Size:	1210
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:	0.1 uF
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	10 GOhms

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