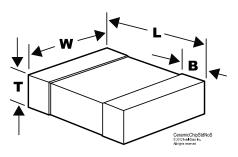
KEMET Part Number: C1210R105K5RAC



Ceramic, 175C, 175C-(CxxxxC), 1 uF, 10%, 50 V, 1210, X7R, SMD, MLCC, High Temperature, FT-Cap



Dimensions		
L	3.3mm +/-0.4mm	
W	2.6mm +/-0.3mm	
Т	2.1mm +/-0.20mm	
В	0.6mm +/-0.25mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information	
Style:	SMD Chip
Series:	175C-(CxxxxC)
Chip Size:	1210
Description:	SMD, MLCC, High Temperature, FT-Cap
Features:	FT-CAP, High Temperature
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	50 VDC	
Temperature Range:	-55/+175C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.5%	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	500 MOhms	
Dielectric Strength:	125 V	

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