KEMET Part Number: C1206C104K5RALTU

(C1206C104K5RAL7800)



Ceramic, Commercial-(CxxxxC), 0.1 uF, 10%, 50 V, 1206, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions		
L	3.2mm +/-0.2mm	
W	1.6mm +/-0.2mm	
Т	0.78mm +/-0.10mm	
В	0.5mm +/-0.25mm	

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

General Information	
Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1206
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	No
Termination:	Lead (SnPb)
Marking:	No
Failure Rate:	N/A
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:	10 GOhms	

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