## KEMET Part Number: C1210C821KGRACTU

(C1210C821KGRAC7800)



SMD Comm X7R HV, Ceramic, 820 pF, 10%, 2000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1210



Dimensions		
L	3.2mm +/-0.2mm	
W	2.5mm +/-0.2mm	
Т	1.4mm +/-0.15mm	
В	0.5mm +/-0.25mm	

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2000

General Information	
Supplier:	KEMET
Series:	SMD Comm X7R HV
Style:	SMD Chip
Description:	SMD, MLCC, High Voltage, Temperature Stable
Features:	High Voltage
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1210

Specifications		
Capacitance:	820 pF	
Capacitance Tolerance:	10%	
Voltage DC:	2000 VDC	
Dielectric Withstanding Voltage:	2,400 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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