## KEMET Part Number: C0402C822K4RACTU

(C0402C822K4RAC7867)



## SMD Comm X7R, Ceramic, 8200 pF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0402



Dimensions	
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	10000

General Information	
Supplier:	KEMET
Series:	SMD Comm X7R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	0402

Specifications		
Capacitance:	8200 pF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC	
Dielectric Withstanding Voltage:	40 V	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	100 GOhms	

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