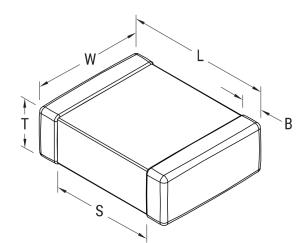


## C0805C822KARACTU

Aliases (C0805C822KARAC7800)

SMD Comm X7R Tip-Ring, Ceramic, 8200 pF, 10%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, Tin Termination, 0805



Click here for the 3D model.

Chip Size 0805	
L 2mm +/-0.2mm	
W 1.25mm +/-0.2mm	
T 0.78mm +/-0.10mm	
S 0.75mm MIN	
B 0.5mm +/-0.25mm	

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

General Information	
Series	SMD Comm X7R Tip-Ring
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Tin Termination
Features	Tin Termination
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	8200 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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