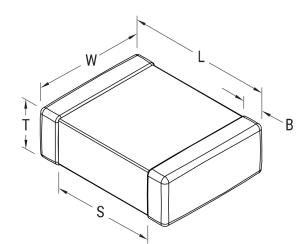


C0603C822K5RALTU

Aliases (C0603C822K5RAL7867)

SMD Comm X7R SnPb, Ceramic, 8200 pF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

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

General Information		
Series	SMD Comm X7R SnPb	
Style	SMD Chip	
Description	SMD, MLCC, Temperature Stable, SnPb Termination	
Features	SnPb Termination	
RoHS	No	
Prop 65	WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.	
SCIP Number	5549986b-60cf-4a2a-afbb-4ad1d7a11dcb	
Termination	Lead (SnPb)	
Marking	No	
AEC-Q200	No	
Component Weight	4.8 mg	
Shelf Life	78 Weeks	
MSL	1	

Specifications	
Capacitance	8200 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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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