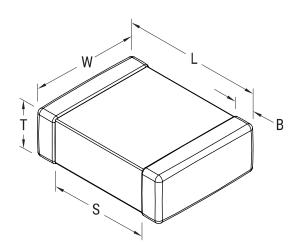


C0603C820J5RACTU

Aliases (CO603C820J5RAC7867) SMD Comm X7R, Ceramic, 82 pF, 5%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0603, 0.5 mm



Click here for the 3D model.

General Information	
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
AEC-Q200	No
Typical Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	82 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

 Dimensions

 Chip Size
 0603

 L
 1.6mm +/-0.15mm

 W
 0.8mm +/-0.15mm

 T
 0.8mm +/-0.07mm

 S
 0.5mm MIN

 B
 0.35mm +/-0.15mm

Packaging Specifications

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

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