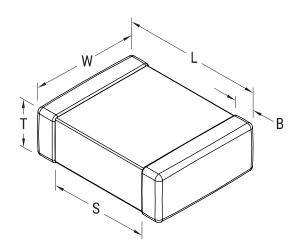


C0603C102MATACTU

Aliases (C0603C102MATAC7867) SMD Comm X8G HT150C, Ceramic, 1,000 pF, 20%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0603, 0.5 mm



Click here for the 3D model.

General Information	
Series	SMD Comm X8G HT150C
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable
Features	High Temperature, Ultra-Stable
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	3.7 mg
Shelf Life	78 Weeks
MSL	1

ons		Specifications
	0603	Capacitance
	1.6mm +/-0.15mm	Measurement Condi
	0.8mm +/-0.15mm	Tolerance
	0.8mm +/-0.07mm	Voltage DC
	0.5mm MIN	Dielectric Withstand
	0.35mm +/-0.15mm	Temperature Range
		Temp. Coefficient
ng Specifications		Capacitance Change

 Packaging Specifications

 Packaging
 T&R, 180mm, Paper Tape

Packaging Quantity

Dimensio Chip Size

L W T S B

4000

Specifications	
Capacitance	1,000 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	20%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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