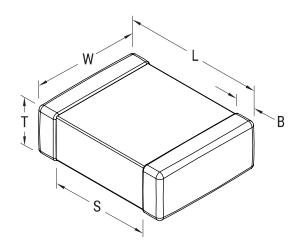


## C1812C162MATACTU

Aliases (C1812C162MATAC7800) SMD Comm X8G HT150C, Ceramic, 1,600 pF, 20%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1812, 2.3 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	67 mg
Shelf Life	78 Weeks
MSL	1

Dimensions		Sp
Chip Size	1812	Ca
L	4.5mm +/-0.3mm	M
W	3.2mm +/-0.3mm	Тс
т	1mm +/-0.10mm	Vo
S	2.3mm MIN	Di
В	0.6mm +/-0.35mm	Te
		Тс

## **Packaging Specifications** . .

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Specifications	
Capacitance	1,600 pF
Measurement Condition	1 kHz 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, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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