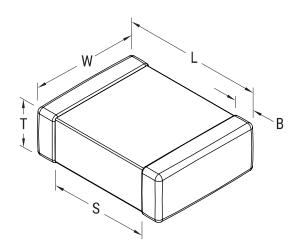


## C0805C182MATACTU

Aliases (C0805C182MATAC7800) SMD Comm X8G HT150C, Ceramic, 1,800 pF, 20%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0805, 0.7 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	11 mg
Shelf Life	78 Weeks
MSL	1

Dimensions		Spec
Chip Size	0805	Capa
L	2mm +/-0.2mm	Meas
W	1.25mm +/-0.2mm	Tolera
т	0.78mm +/-0.10mm	Volta
S	0.7mm MIN	Diele
В	0.5mm +/-0.25mm	Temp
		Temp

## **Packaging Specifications** Packaging

Packaging Quantity

> T&R, 180mm, Paper Tape 4000

Specifications	
Capacitance	1,800 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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