

C1812C102FFTACTU

Aliases (C1812C102FFTAC7800)

SMD Comm X8G HVHT150C, Ceramic, 1000 pF, 1%, 1500 VDC, X8G, SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, 1812



Click [here](#) for the 3D model.

General Information	
Series	SMD Comm X8G HVHT150C
Style	SMD Chip
Description	SMD, MLCC, High Voltage, High Temperature, Ultra-Stable
Features	High Temperature, Ultra-Stable
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	67 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	1.4mm +/-0.15mm
B	0.6mm +/-0.35mm

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

Specifications	
Capacitance	1000 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	1%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	3750 VDC
Temperature Range	-55/+150°C
Temperature Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 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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