

C1206X181JGTACTU

Aliases (C1206X181JGTAC7800)

SMD Comm X8G HVHT150C Flex, Ceramic, 180 pF, 5%, 2000 VDC, X8G, SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, 1206



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

Dimensions	
Chip Size	1206
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.6mm +/-0.25mm
B	0.6mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

General Information	
Series	SMD Comm X8G HVHT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Voltage, High Temperature, Ultra-Stable
Features	High Temperature, Ultra-Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Component Weight	42 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	180 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	5000 VDC
Temperature Range	-55/+150°C
Temperature 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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