

## C0805X161JCTACTU

Aliases (C0805X161JCTAC7800)

SMD Comm X8G HVHT150C Flex, Ceramic, 160 pF, 5%, 500 VDC, X8G, SMD, MLCC, High Voltage, High Temperature, Ultra-Stable, 0.6 mm, 0805 / 2012



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

### 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
Typical Component Weight	14 mg
Shelf Life	78 Weeks
MSL	1

### Dimensions

L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	1.25mm +/-0.15mm
S	0.6mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

### Specifications

Capacitance	160 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	5%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.1% 1MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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