

# C0805X129DDTACTU

Aliases (C0805X129DDTAC7800)

SMD Comm X8G HVHT150C Flex, Ceramic, 1.2 pF, +/-0.5 pF, 1,000 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

## Specifications

Capacitance	1.2 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.5 pF
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 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

## 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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.