

## C0402C301G4HACTU

Aliases (C0402C301G4HAC7867) SMD Comm X8R HT150C, Ceramic, 300 pF, 2%, 16 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 0402, 0.3 mm



Click here for the 3D model.

General Information	
Series	SMD Comm X8R 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	1.21 mg
Shelf Life	78 Weeks
MSL	1

	Specifications	
	Capacitance	300 pF
	Measurement Condition	1 MHz 1.0Vrms
	Tolerance	2%
	Voltage DC	16 VDC
	Dielectric Withstanding Voltage	40 VDC
	Temperature Range	-55/+150°C
	Temp. Coefficient	X8R
	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1MegaHz 1.0Vrms
	Dissipation Factor	2.5%1MHz1.0Vrms
	Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
	Insulation Resistance	100 GOhms

 L
 1mm +/-0.05mm

 W
 0.5mm +/-0.05mm

 T
 0.5mm +/-0.05mm

 S
 0.3mm MIN

 B
 0.3mm +/-0.1mm

0402

## Packaging Specifications

Dimensions

Chip Size

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

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