

## C0603X209B1HALTU

Aliases (C0603X209B1HAL7867)

SMD Comm X8R HT150C Flex, Ceramic, 2 pF, +/-0.1 pF, 100 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, 0603



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

General Information	
Series	SMD Comm X8R HT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable
Features	Ultra-Stable
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
Termination	Flexible Termination With Lead (SnPb)
Marking	false
AEC-Q200	No
Typical Component Weight	7.3 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.15mm
S	0.4mm MIN
B	0.45mm +/-0.15mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

Specifications	
Capacitance	2 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	+/-0.1 pF
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+150°C
Temperature Coefficient	X8R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1MegaHz 1.0Vrms
Dissipation Factor	2.5% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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