

## C0805X829C4HACAUTO

SMD Auto X8R HT150C Flex, Ceramic, 8.2 pF, +/-0.25 pF, 16 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade, 0.6 mm, 0805 / 2012



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

### General Information

Series	SMD Auto X8R HT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable, FT-CAP, Automotive Grade
Features	High Temperature, Ultra-Stable, FT-CAP, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
Typical Component Weight	13 mg
Shelf Life	78 Weeks
MSL	1

### Dimensions

L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	0.78mm +/-0.20mm
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	4000

### Specifications

Capacitance	8.2 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	+/-0.25 pF
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% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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