

C0603X189C2TACAUTO

SMD Auto X8G HT150C Flex, Ceramic, 1.8 pF, ± 0.25 pF, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0603, 0.4 mm



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

General Information

Series	SMD Auto X8G HT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade
Features	High Temperature, Ultra-Stable, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	4.6 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	1.8 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	± 0.25 pF
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 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% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

Dimensions

Chip Size	0603
L	1.6mm ± 0.17 mm
W	0.8mm ± 0.15 mm
T	0.8mm ± 0.15 mm
S	0.4mm MIN
B	0.45mm ± 0.15 mm

Packaging Specifications

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

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