

C0603C160M4HACAUTO

SMD Auto X8R HT150C, Ceramic, 16 pF, 20%, 16 VDC, X8R, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

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

SMD Auto X8R HT150C
SMD Chip
SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade
High Temperature, Ultra-Stable, Automotive Grade
Yes
Tin
No
AEC-Q200
Yes
4.8 mg
78 Weeks
1

Specifications	
Capacitance	16 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 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 1.0 Vrms
Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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