

## C1812C562K1RACAUTO

SMD Auto X7R, Ceramic, 5600 pF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 1812



Click here for the 3D model.

Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	1mm +/-0.10mm
В	0.6mm +/-0.35mm

Packaging Specifications	,
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

Series SMD Auto X7R  Style SMD Chip  Description SMD, MLCC, Temperature Stable, Automotive Grade  Features Temperature Stable, Automotive Grade  RoHS Yes  Termination Tin  Marking No  Qualifications AEC-Q200  AEC-Q200 Yes  Component Weight 95 mg  Shelf Life 78 Weeks	General Information	
Description SMD, MLCC, Temperature Stable, Automotive Grade Features Temperature Stable, Automotive Grade RoHS Yes Termination Tin Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component Weight SMD, MLCC, Temperature Stable, Automotive Grade Automotive Grade Automotive Grade Aetomotive Grade Yes	Series	SMD Auto X7R
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RoHS Yes Termination Tin Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component Weight 95 mg	Description	
Termination Tin  Marking No  Qualifications AEC-Q200  AEC-Q200 Yes  Component Weight 95 mg	Features	Temperature Stable, Automotive Grade
Marking No Qualifications AEC-Q200 AEC-Q200 Yes Component Weight 95 mg	RoHS	Yes
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AEC-Q200 Yes  Component Weight 95 mg	Marking	No
Component 95 mg Weight	Qualifications	AEC-Q200
Weight 95 mg	AEC-Q200	Yes
Shelf Life 78 Weeks		95 mg
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MSL 1	MSL	1

Specifications	
Capacitance	5600 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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