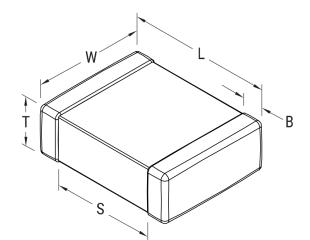


C0805C101K8RACAUTO

SMD Auto X7R, Ceramic, 100 pF, 10%, 10 VDC, X7R, SMD, MLCC, Temperature Stable, Automotive Grade, 0805



Click here for the 3D model.

Chip Size 0805	
L 2mm +/-0.2mm	
W 1.25mm +/-0.2mm	
T 0.78mm +/-0.10mm	
S 0.75mm MIN	
B 0.5mm +/-0.25mm	

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

General Information	
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	11 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	100 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 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	5%1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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