

C0805Y104K5RACAUTO

SMD Auto X7R FF, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, Automotive Grade, 0805



Click here for the 3D model.

Chip Size 0805 L 2mm +/-0.3mm W 1.25mm +/-0.3mm T 1.25mm +/-0.15mm S 0.75mm MIN B 0.5mm +/-0.25mm	Dimensions	
W 1.25mm +/-0.3mm T 1.25mm +/-0.15mm S 0.75mm MIN	Chip Size	0805
T 1.25mm +/-0.15mm S 0.75mm MIN	L	2mm +/-0.3mm
S 0.75mm MIN	W	1.25mm +/-0.3mm
	Т	1.25mm +/-0.15mm
B 0.5mm +/-0.25mm	S	0.75mm MIN
	В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

General Information	
Series	SMD Auto X7R FF
Style	SMD Chip
Description	SMD, MLCC, FF-CAP, Floating Electrode, Automotive Grade
Features	FF-CAP, Floating Electrode, Automotive Grade
RoHS	Yes
Termination	Flexible Termination
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	10 GOhms

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