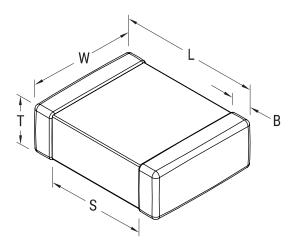


## C0805C823F4JACAUTO

SMD Auto U2J, Ceramic, 0.082 uF, 1%, 16 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0805, 0.7 mm



Click here for the 3D model.

General Information	
Series	SMD Auto U2J
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features	Ultra-Stable, Low Loss, Automotive Grade
RoHS	Yes
Termination	Tin
Marking	No
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	14 mg
Shelf Life	78 Weeks
MSL	1

nsions	
Size 0805	
2mm +/-0.2mm	
1.25mm +/-0.2mm	
1.25mm +/-0.15mm	
0.7mm MIN	
0.5mm +/-0.25mm	
0.7mm MIN	

## **Packaging Specifications**

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

Specifications	
Capacitance	0.082 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	1%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	U2J
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	-750+/-120 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0.1% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	12.1951 GOhms

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