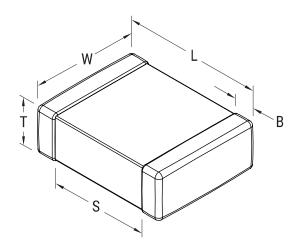


C0805C823F8JAC7210

SMD Comm U2J, Ceramic, 0.082 uF, 1%, 10 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805, 0.7 mm



Click here for the 3D model.

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

Specifications	
Capacitance	0.082 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	1%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 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

 Dimensions

 Chip Size
 0805

 L
 2mm +/-0.2mm

 W
 1.25mm +/-0.2mm

 T
 1.25mm +/-0.15mm

 S
 0.7mm MIN

 B
 0.5mm +/-0.25mm

## Packaging SpecificationsPackagingT&R, 330mm, Plastic TapePackaging Quantity10000

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.