

## C0603X103J8JACTU

Aliases (C0603X103J8JAC7867)

SMD Comm U2J Flex, Ceramic, 0.01 uF, 5%, 10 VDC, U2J, SMD, MLCC, FT-CAP, Ultra-Stable, 0603



Click [here](#) for the 3D model.

### Dimensions

Chip Size	0603
L	1.6mm +/-0.17mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.07mm
S	0.58mm MIN
B	0.45mm +/-0.15mm

### Packaging Specifications

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

### General Information

Series	SMD Comm U2J Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Ultra-Stable
Features	FT-CAP, Ultra-Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Component Weight	3.7 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 VDC
Temperature Range	-55/+125°C
Temperature 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	100 GOhms