

KEMET Part Number: C0603X103G5JACTU
(C0603X103G5JAC7867)

SMD Comm U2J Flex, Ceramic, 0.01 uF, 2%, 50 VDC, U2J, SMD, MLCC, FT-CAP, Ultra-Stable, 0603



Dimensions

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:	3700 ug
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.01 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	2%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 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