

KEMET Part Number: C0603X512J5JACTU
(C0603X512J5JAC7867)

SMD Comm U2J Flex, Ceramic, 5100 pF, 5%, 50 VDC, U2J, SMD, MLCC, FT-CAP, Ultra-Stable, 0603



Dimensions

Dimensions	
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 Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information

General Information	
Supplier:	KEMET
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
Miscellaneous:	Note: Referee time for U2J dielectric for this part number is 1000 hours
Chip Size:	0603

Specifications

Specifications	
Capacitance:	5100 pF
Capacitance Tolerance:	5%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	U2J
Dissipation Factor:	0.10% 1kHz 25C
Aging Rate:	0.1% Loss/Decade Hour
Insulation Resistance:	100 GOhms