

KEMET Part Number: C1812C474J5JACTU
(C1812C474J5JAC7800)

SMD Comm U2J, Ceramic, 0.47 uF, 5%, 50 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812



Dimensions

Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	1.7mm +/-0.20mm
B	0.6mm +/-0.35mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	1000

General Information

Series:	SMD Comm U2J
Style:	SMD Chip
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
Miscellaneous:	Note: Referee time for U2J dielectric for this part number is 1000 hours
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.47 uF
Capacitance Tolerance:	5%
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:	0.10% 1kHz 1.0Vrms
Aging Rate:	0.1% Loss/Decade Hour
Insulation Resistance:	2.128 GOhms