

KEMET Part Number: C1812C473JAGACTU
(C1812C473JAGAC7800)

SMD Comm C0G, Ceramic, 0.047 uF, 5%, 250 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812



Dimensions

L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	1.25mm +/-0.15mm
B	0.6mm +/-0.35mm

Packaging Specifications

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

General Information

Series:	SMD Comm C0G
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
Chip Size:	1812
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	47000 pF, 1kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	250 VDC
Dielectric Withstanding Voltage:	625 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	C0G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor:	0.10% 1kHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	21.277 GOhms

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