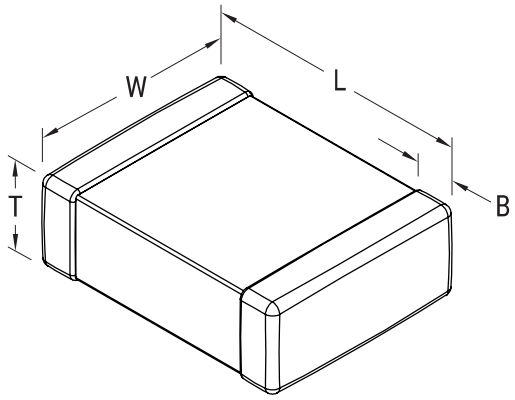
KEMET Part Number: C1206C100FGGACTU

(C1206C100FGGAC7800)

SMD Comm C0G HV, Ceramic, 10 pF, 1%, 2000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1206



General Information	
Series:	SMD Comm C0G HV
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
Shelf Life:	78 Weeks
MSL:	1

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1mm +/-0.10mm
B	0.5mm +/-0.25mm

Specifications	
Capacitance:	10 pF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	1%
Voltage DC:	2000 VDC
Dielectric Withstanding Voltage:	2400 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	C0G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1MegaHz 1.0Vrms
Dissipation Factor:	0.1% 1 MHz 1.0Vrms
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

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