

**KEMET Part Number: C0805C209CDGACTU**  
(C0805C209CDGAC7800)

SMD Comm C0G HV, Ceramic, 2 pF, +/-0.25 pF, 1000 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0805



**General Information**

Supplier:	KEMET
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
Chip Size:	0805

**Dimensions**

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

**Packaging Specifications**

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

**Specifications**

Capacitance:	2 pF
Capacitance Tolerance:	+/-0.25 pF
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	1,200 V
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.10% 1MHz 25C
Aging Rate:	0% Loss/Decade Hour
Insulation Resistance:	100 GOhms