

## C0402C182K3GACTU

Aliases (C0402C182K3GAC7867) SMD Comm COG, Ceramic, 1,800 pF, 10%, 25 VDC, COG, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0402, 0.3 mm



General Information	
Series	SMD Comm COG
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
Typical Component Weight	1.06 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

Packaging Specifications	
В	0.3mm +/-0.1mm
5	0.3mm MIN
c	O 2mm MIN
1	0.5mm +/-0.05mm

Specifications	
Capacitance	1,800 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

Packagi	ng	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packagi	ng Quantity	10000	Dissipation Factor	0.19
			Aging Rate	0%

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