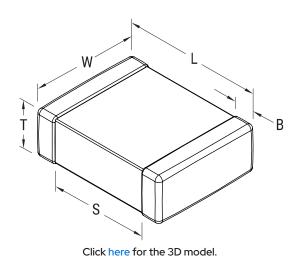


C0402C431F4GACTU

Aliases (C0402C431F4GAC7867) SMD Comm COG, Ceramic, 430 pF, 1%, 16 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

10000

Packaging Quantity

	•		
W	0.5mm +/-0.05mm	Tolerance	1%
Т	0.5mm +/-0.05mm	Voltage DC	16 VDC
S	0.3mm MIN	Dielectric Withstanding Voltage	40 VDC
В	0.3mm +/-0.1mm	Temperature Range	-55/+125°C
		Temp. Coefficient	COG
Packaging Specifications		Capacitance Change with	30 ppm/C, 1M
Packaging	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)	

Specifications	
Capacitance	430 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	1%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	COG
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

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