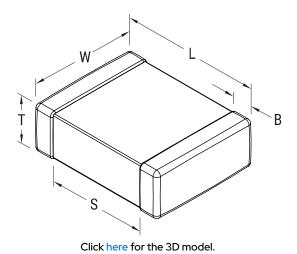


## C0603C431K2TACTU

Aliases (C0603C431K2TAC7867)

SMD Comm X8G HT150C, Ceramic, 430 pF, 10%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0603, 0.5 mm



General Information			
Series	SMD Comm X8G HT150C		
Style	SMD Chip		
Description	SMD, MLCC, High Temperature, Ultra-Stable		
Features	High Temperature, Ultra-Stable		
RoHS	Yes		
Termination	Tin		
Marking	No		
AEC-Q200	No		
Typical Component Weight	3.7 mg		
Shelf Life	78 Weeks		
MSL	1		

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.5mm MIN
В	0.35mm +/-0.15mm

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Packaging Specifications		
В	0.35mm +/-0.15mm	
S	0.5mm MIN	
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Specifications		
Capacitance	430 pF	
Measurement Condition	1 MHz 1.0Vrms	
Tolerance	10%	
Voltage DC	200 VDC	
Dielectric Withstanding Voltage	500 VDC	
Temperature Range	-55/+150°C	
Temp. Coefficient	X8G	
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: Referee Time is 1000 Hours	
Insulation Resistance	100 GOhms	

В	0.35mm +/-0.15mm	Temperature Range	-55/+150°C
		Temp. Coefficient	X8G
Packaging Specifications		Capacitance Change with	30 ppm/C, 1MegaHz 1.0Vrms
Packaging	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)	
Packaging Quantity 4000	4000	Dissipation Factor	0.1% 1 MHz 1.0Vrms
	Aging Rate	0% Loss/Decade Hour: Referee Time is 1000 Hours	
	Insulation Resistance	100 GOhms	

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