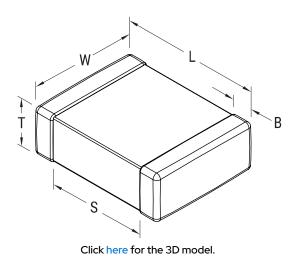


## C1210X682KATACTU

Aliases (C1210X682KATAC7800)

SMD Comm X8G HT150C Flex, Ceramic, 6,800 pF, 10%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1210, 1.5 mm



General Information	
Series	SMD Comm X8G HT150C Flex
Style	SMD Chip
Description	SMD, MLCC, High Temperature, Ultra-Stable
Features	High Temperature, Ultra-Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	30 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
Т	0.78mm +/-0.20mm
S	1.5mm MIN
В	0.6mm +/-0.25mm

4000

Packaging Quantity

L	3.3mm +/-0.4mm	Measurement Condition	1
W	2.6mm +/-0.3mm	Tolerance	1
Т	0.78mm +/-0.20mm	Voltage DC	2
S	1.5mm MIN	Dielectric Withstanding Voltage	6
В	0.6mm +/-0.25mm	Temperature Range	-
		Temp. Coefficient	>
Packaging Specifications		Capacitance Change with	3
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC	

Specifications	
Capacitance	6,800 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 VDC
Temperature Range	-55/+150°C
Temp. Coefficient	X8G
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: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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