

Specifications

Insulation Resistance



SMD Comm X8G HT150C Flex, Ceramic, 0.012 uF, 20%, 50 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 2220, 3.5 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	190 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	2220
L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
Т	1.4mm +/-0.15mm
S	3.5mm MIN
В	0.7mm +/-0.35mm

Capacitance 0.012 uF Measurement Condition 1kHz 1.0Vrms Tolerance 20% Voltage DC 50 VDC Dielectric Withstanding Voltage 125 VDC Temperature Range -55/+150°C Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor 0.1% 1kHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee Time is 1000 Hours		
Tolerance 20% Voltage DC 50 VDC Dielectric Withstanding Voltage 125 VDC Temperature Range -55/+150°C Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor 0.1% 1 kHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee	Capacitance	0.012 uF
Voltage DC Dielectric Withstanding Voltage Temperature Range -55/+150°C Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate 50 VDC 125 VDC 125 VDC 30 PDM/C, 1kHz 1.0Vrms 30 ppm/C, 1kHz 1.0Vrms 40 No.1%1 kHz 1.0Vrms	Measurement Condition	1 kHz 1.0Vrms
Dielectric Withstanding Voltage Temperature Range -55/+150°C Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate 125 VDC -55/+150°C 30 ppm/C, 1kHz 1.0Vrms 0.1% 1 kHz 1.0Vrms	Tolerance	20%
Temperature Range -55/+150°C Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor 0.1%1 kHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee	Voltage DC	50 VDC
Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor 0.1%1 kHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee	Dielectric Withstanding Voltage	125 VDC
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate 30 ppm/C, 1kHz 1.0Vrms 0.1%1 kHz 1.0Vrms 0% Loss/Decade Hour: Referee	Temperature Range	-55/+150°C
Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor O.1%1kHz 1.0Vrms Aging Rate O% Loss/Decade Hour: Referee	Temp. Coefficient	X8G
Aging Rate O% Loss/Decade Hour: Referee	Reference to +25°C and 0 VDC	30 ppm/C, 1kHz 1.0Vrms
	Dissipation Factor	0.1% 1 kHz 1.0Vrms
	Aging Rate	

83.3333 GOhms

Packaging Specifications	
Packaging	T&R, 330mm, Plastic Tape
Packaging Quantity	4000

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