

Specifications

Insulation Resistance



SMD Comm X8G HT150C, Ceramic, 680 pF, 1%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1812, 2.3 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	67 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	1mm +/-0.10mm
S	2.3mm MIN
В	0.6mm +/-0.35mm

Capacitance 680 pF Measurement Condition 1MHz 1.0Vrms Tolerance 1% 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) Dissipation Factor 0.1% 1 MHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee Time is 1000 Hours		
Tolerance 1% 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) Dissipation Factor 0.1% 1 MHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee	Capacitance	680 pF
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 200 VDC 500 VDC 300 VDC 300 VDC A8G 300 ppm/C, 1MegaHz 1.0Vrms 0.1% 1 MHz 1.0Vrms	Measurement Condition	1 MHz 1.0Vrms
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) Dissipation Factor 0.1% 1 MHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee	Tolerance	1%
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 MHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee	Voltage DC	200 VDC
Temp. Coefficient X8G Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor 0.1%1 MHz 1.0Vrms Aging Rate 0% Loss/Decade Hour: Referee	Dielectric Withstanding Voltage	500 VDC
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) Dissipation Factor Aging Rate 30 ppm/C, 1MegaHz 1.0Vrms 0.1% 1 MHz 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% 1 MHz 1.0 Vrms 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, 1MegaHz 1.0Vrms
	Dissipation Factor	0.1% 1 MHz 1.0Vrms
	Aging Rate	

100 GOhms

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

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