

## C1206C222F2TACTU

Aliases (C1206C222F2TAC7800)

SMD Comm X8G HT150C, Ceramic, 2,200 pF, 1%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1206, 1.5 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	25 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	1.1mm +/-0.10mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

W 1.6mm +/-0.2mm Tolerance 1%  T 1.1mm +/-0.10mm Voltage DC 200 VDC  S 1.5mm MIN Dielectric Withstanding Voltage 500 VDC  B 0.5mm +/-0.25mm Temperature Range -55/+150°C  Temp. Coefficient X8G  Packaging Specifications  Packaging T&R, 180mm, Plastic Tape Packaging Quantity 2500 Dissipation Factor 0.1% 1 kHz 1.0Vrms		•		
S 1.5mm MIN Dielectric Withstanding Voltage 500 VDC  B 0.5mm +/-0.25mm Temperature Range -55/+150°C  Temp. Coefficient X8G  Packaging Specifications  Packaging T&R, 180mm, Plastic Tape  Packaging Quantity 2500  Packaging Quantity 2500	W	1.6mm +/-0.2mm	Tolerance	1%
B 0.5mm +/-0.25mm Temperature Range -55/+150°C  Temp. Coefficient X8G  Packaging Specifications  Packaging T&R, 180mm, Plastic Tape  Packaging Quantity 2500  Temp. Coefficient X8G  Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	Т	1.1mm +/-0.10mm	Voltage DC	200 VDC
Packaging Specifications Packaging T&R, 180mm, Plastic Tape Packaging Quantity Packaging Quantity Packaging Quantity Packaging Quantity Packaging Packaging Quantity Packaging Specifications Pac	S	1.5mm MIN	Dielectric Withstanding Voltage	500 VDC
Packaging Specifications  Packaging T&R, 180mm, Plastic Tape  Packaging Quantity  2500  Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)  30 ppm/C, 1kHz 1.0Vrms  Applied (TCC)	В	0.5mm +/-0.25mm	Temperature Range	-55/+150°C
Packaging Quantity 2500  Capacitatice Change with 350 ppinyc, ikH2 1.0Vinis Reference to +25°C and 0 VDC Applied (TCC)			Temp. Coefficient	X8G
Packaging T&R, 180mm, Plastic Tape  Reference to +25°C and 0 VDC Applied (TCC)  Packaging Quantity 2500	Packaging Specifications		Capacitance Change with	30 ppm/C, 1kHz 1.0Vrms
Packaging Quantity 2500 Dissipation Factor 0.1% 1 kHz 1.0Vrms	Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC	, , ,
	Packaging Quantity	2500	Dissipation Factor	0.1% 1 kHz 1.0Vrms

Specifications	
Capacitance	2,200 pF
Measurement Condition	1 kHz 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)	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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