

C0805X511M2TACTU

Aliases (C0805X511M2TAC7800)

SMD Comm X8G HT150C Flex, Ceramic, 510 pF, 20%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0805, 0.6 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	11 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	0.78mm +/-0.20mm
S	0.6mm MIN
В	0.5mm +/-0.25mm

4000

Packaging Quantity

W 1.25mm +/-0.3mm Tolerance 26 T 0.78mm +/-0.20mm Voltage DC 26 S 0.6mm MIN Dielectric Withstanding Voltage 56 B 0.5mm +/-0.25mm Temperature Range -5 Temp. Coefficient X Packaging Specifications Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)				
S 0.6mm MIN Dielectric Withstanding Voltage 50 B 0.5mm +/-0.25mm Temperature Range -5 Temp. Coefficient X Packaging Specifications Packaging T&R. 180mm. Plastic Tape Total Substitution Size of the substitution of the substitution of the substitution Size of the substitution Size of the substitution of the substitution Size of the substitut	W	1.25mm +/-0.3mm	Tolerance	20
B 0.5mm +/-0.25mm Temperature Range -5 Temp. Coefficient X Packaging Specifications Packaging T&R. 180mm. Plastic Tape Temp. Coefficient X Reference to +25°C and 0 VDC	Т	0.78mm +/-0.20mm	Voltage DC	20
Packaging Specifications Packaging T&R. 180mm. Plastic Tape Temp. Coefficient X Capacitance Change with Reference to +25°C and 0 VDC	S	0.6mm MIN	Dielectric Withstanding Voltage	5
Packaging Specifications Capacitance Change with Reference to +25°C and 0 VDC Reference to +25°C and 0 VDC	В	0.5mm +/-0.25mm	Temperature Range	-6
Packaging T&R, 180mm, Plastic Tape Reference to +25°C and 0 VDC			Temp. Coefficient	Х
Packaging T&R. 180mm. Plastic Tape Reference to +25°C and 0 VDC	Packaging Specifications		Capacitance Change with	3
	Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC	

Specifications	
Capacitance	510 pF
Measurement Condition	1 MHz 1.0Vrms
Tolerance	20%
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

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