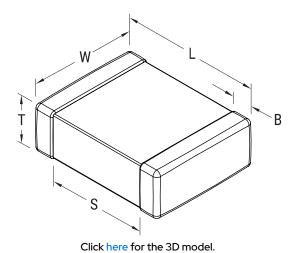


C0805C152J2TACTU

Aliases (C0805C152J2TAC7800)

SMD Comm X8G HT150C, Ceramic, 1,500 pF, 5%, 200 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0805, 0.7 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	11 mg	
Shelf Life	78 Weeks	
MSL	1	

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.78mm +/-0.10mm
S	0.7mm MIN
В	0.5mm +/-0.25mm

Packaging Sp Packaging Packaging Qu

	2mm +/-0.2mm	Measurement Condition	1 kHz 1.0Vrms
	1.25mm +/-0.2mm	Tolerance	5%
	0.78mm +/-0.10mm	Voltage DC	200 VDC
	0.7mm MIN	Dielectric Withstanding Voltage	500 VDC
	0.5mm +/-0.25mm	Temperature Range	-55/+150°C
		Temp. Coefficient	X8G
pecifications		Capacitance Change with	30 ppm/C, 1kHz 1.0Vrms
	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)	
uantity	4000	Dissipation Factor	0.1% 1 kHz 1.0Vrms

Specifications	
Capacitance	1,500 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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