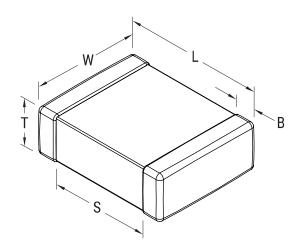


C0805X512KATACTU

Aliases (C0805X512KATAC7800) SMD Comm X8G HT150C Flex, Ceramic, 5,100 pF, 10%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 0805, 0.6 mm



Click here for the 3D model.

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	13 mg	
Shelf Life	78 Weeks	
MSL	1	

	Specifications	
0805	Capacitance	5,100 pF
2mm +/-0.3mm	Measurement Condition	1 kHz 1.0Vrms
1.25mm +/-0.3mm	Tolerance	10%
0.9mm +/-0.10mm	Voltage DC	250 VDC
0.6mm MIN	Dielectric Withstanding Voltage	625 VDC
0.5mm +/-0.25mm	Temperature Range	-55/+150°C
Temp. Coe	Temp. Coefficient	X8G
T&R, 180mm, Plastic Tape	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
4000	Dissipation Factor	0.1% 1 kHz 1.0Vrms
	Aging Rate	0% Loss/Decade Hour: Refere Time is 1000 Hours
	Insulation Resistance	100 GOhms

Insulation Resistance

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.

Dimensions

Packaging Specifications

Packaging Quantity

Chip Size

L

W Т

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Packaging