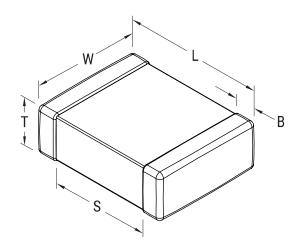


C1812C683FATACTU

Aliases (C1812C683FATAC7800) SMD Comm X8G HT150C, Ceramic, 0.068 uF, 1%, 250 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, 1812, 2.3 mm



Click here for the 3D model.

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	87 mg	
Shelf Life	78 Weeks	
MSL	1	

Time is 1000 Hours

14.7059 GOhms

	Specifications	
1812	Capacitance	0.068 uF
4.5mm +/-0.3mm	Measurement Condition	1 kHz 1.0Vrms
3.2mm +/-0.3mm	Tolerance	1%
1.6mm +/-0.20mm	Voltage DC	250 VDC
2.3mm MIN	Dielectric Withstanding Voltage	625 VDC
0.6mm +/-0.35mm	Temperature Range	-55/+150°C
	Temp. Coefficient	X8G
	Capacitance Change with	30 ppm/C, 1kHz 1.0Vrms
T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC Applied (TCC)	
1000	Dissipation Factor	0.1% 1 kHz 1.0Vrms
	Aging Rate	0% Loss/Decade Hour: Referee

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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в

Packaging