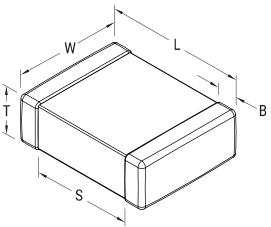


C0805C680KBRACTU

Aliases (C0805C680KBRAC7800)

SMD Comm X7R HV, Ceramic, 68 pF, 10%, 630 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 0805, 0.7 mm



		Termination
	S	Marking
		AEC-Q200
		Typical Component Weigh
	Click here for the 3D model.	Shelf Life
		MSL
		<u> </u>
Dimensions		Specifications
Chip Size	0805	Capacitance
L	2mm +/-0.2mm	Measurement Condition
W	1.25mm +/-0.2mm	Tolerance

1.25mm +/-0.15mm

0.7mm MIN

В	0.5mm +/-0.25mm	
Packaging Specifications		
Packaging	T&R, 180mm, Plastic Tape	
Packaging Quantity	2500	

Т

S

General Information				
Series	SMD Comm X7R HV			
Style	SMD Chip			
Description	SMD, MLCC, High Voltage, Temperature Stable			
Features	High Voltage			
RoHS	Yes			
Termination	Tin			
Marking	No			
AEC-Q200	No			
Typical Component Weight	21 mg			
Shelf Life	78 Weeks			
MSL	1			

Specifications			
Capacitance	68 pF		
Measurement Condition	1 kHz 1.0Vrms		
Tolerance	10%		
Voltage DC	630 VDC		
Dielectric Withstanding Voltage	945 VDC		
Temperature Range	-55/+125°C		
Temp. Coefficient	X7R		
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms		
Dissipation Factor	2.5% 1 kHz 1.0 Vrms		
Aging Rate	3% 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.

Generated 04/28/2025 © 2006 - 2025 YAGEO