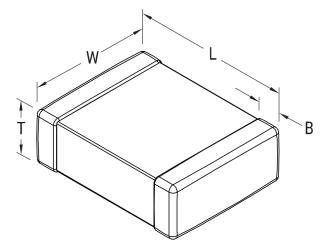


C1206C101KCRALTU

Aliases (C1206C101KCRAL7800)

SMD Comm X7R HV, Ceramic, 100 pF, 10%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1206



Click here for the 3D model.

Dimensions			
1206			
3.2mm +/-0.2mm			
1.6mm +/-0.2mm			
1mm +/-0.10mm			
0.5mm +/-0.25mm			

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

General Information				
Series	SMD Comm X7R HV			
Style	SMD Chip			
Description	SMD, MLCC, High Voltage, Temperature Stable			
RoHS	No			
Prop 65	WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.			
SCIP Number	5549986b-60cf-4a2a-afbb-4ad1d7a11dcb			
Termination	Lead (SnPb)			
Marking	No			
AEC-Q200	No			
Component Weight	25 mg			
Shelf Life	78 Weeks			
MSL	1			

Specifications			
Capacitance	100 pF		
Measurement Condition	1 kHz 1.0Vrms		
Capacitance Tolerance	10%		
Voltage DC	500 VDC		
Dielectric Withstanding Voltage	750 VDC		
Temperature Range	-55/+125°C		
Temperature Coefficient	X7R		
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms		
Dissipation Factor	2.5%1kHz1.0Vrms		
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.

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