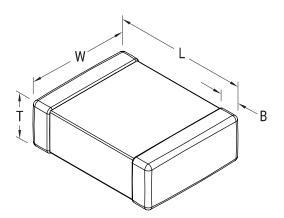
KEMET Part Number: C1808C102KZRACTU

(C1808C102KZRAC7800)



SMD Comm X7R HV, Ceramic, 1000 pF, 10%, 2500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1808



Dimensions	
Chip Size	1808
L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
Т	2mm +/-0.15mm
В	0.6mm +/-0.35mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	1000	

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	
Component Weight:	100 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	1000 pF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	10%	
Voltage DC:	2500 VDC	
Dielectric Withstanding Voltage:	3000 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% 1 kHz 1.0Vrms	
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours	
Insulation Resistance:	100 GOhms	

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