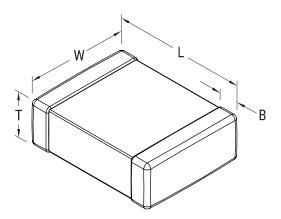
## **KEMET Part Number: C1210C684K4RALTU**

(C1210C684K4RAL7800)



SMD Comm X7R SnPb, Ceramic, 0.68 uF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 1210



Dimensions		
Chip Size	1210	
L	3.2mm +/-0.2mm	
W	2.5mm +/-0.2mm	
Т	0.95mm +/-0.10mm	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	4000	

General Information		
Series:	SMD Comm X7R SnPb	
Style:	SMD Chip	
Description:	SMD, MLCC, Temperature Stable, SnPb Termination	
Features:	SnPb Termination	
RoHS:	No	
Prop 65: SCIP Number:	warning: Cancer and reproductive harm - www.p65warnings.ca.gov. 5549986b-60cf-4a2a-afbb-4ad1d7a11dcb	
Termination:	Lead (SnPb)	
Marking:	No	
AEC-Q200:	No	
Component Weight:	50 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	0.68 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 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:	3.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	735.3 MOhms

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