KEMET Part Number: C1812F684K1RAC



SMD Comm X7R FO, Ceramic, 0.68 uF, 10%, 100 VDC, X7R, SMD, MLCC, Open Mode, Temperature Stable, 1812



Dimensions		
Chip Size	1812	
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	1.5mm +/-0.10mm	
В	0.6mm +/-0.35mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information		
Series:	SMD Comm X7R FO	
Style:	SMD Chip	
Description:	SMD, MLCC, Open Mode, Temperature Stable	
Features:	Open Mode, Temperature Stable	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
AEC-Q200:	No	
Component Weight:	95 mg	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	0.68 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 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:	1.4706 GOhms

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