KEMET Part Number: C0603C104K4RAC7081



SMD Comm X7R, Ceramic, 0.1 uF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0603



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.15mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

Packaging Specifications		
Packaging:	T&R, 180mm, 2mm Pitch, Paper Tape	
Packaging Quantity:	8000	

General Information	
Supplier:	KEMET
Series:	SMD Comm X7R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours
Chip Size:	0603
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	0.1 uF	
Capacitance Tolerance:	10%	
Voltage DC:	16 VDC	
Dielectric Withstanding Voltage:	40 VDC	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	3.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	5 GOhms	

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