

**KEMET Part Number: C0603C224M4VACTU**  
(C0603C224M4VAC7867)



SMD Comm Y5V, Ceramic, 0.22 uF, 20%, 16 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0603



**Dimensions**

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

**Packaging Specifications**

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

**General Information**

Series:	SMD Comm Y5V
Style:	SMD Chip
Description:	SMD, MLCC, General Purpose, Class III
Features:	Class III
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Component Weight:	6500 ug
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Capacitance:	0.22 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	20%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 VDC
Temperature Range:	-30/+85°C
Temperature Coefficient:	Y5V
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	+22%/ -82%, 1kHz 1.0Vrms
Dissipation Factor:	7% 1 kHz 1.0Vrms
Aging Rate:	7% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance:	454.5 MOhms

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