## KEMET Part Number: C0603C474Z4VACTU

(C0603C474Z4VAC7867)



## SMD Comm Y5V, Ceramic, 0.47 uF, -20/+80%, 16 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0603



Dimensions		
Chip Size	0603	
L	1.6mm +/-0.15mm	
W	0.8mm +/-0.15mm	
Т	0.8mm +/-0.10mm	
S	0.7mm MIN	
В	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:	0.47 uF	
Measurement Condition:	1 kHz 1.0Vrms	
Capacitance Tolerance:	-20/+80%	
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 1000 Hours	
Insulation Resistance:	212.8 MOhms	

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