KEMET Part Number: C1206C105M8VACTU

(C1206C105M8VAC7800)



SMD Comm Y5V, Ceramic, 1 uF, 20%, 10 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 1206



Dimensions	
Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
Т	1.2mm +/-0.20mm
В	0.5mm +/-0.25mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

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:	31 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	20%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 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:	10% 1 kHz 1.0Vrms
Aging Rate:	7% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	50 MOhms

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