

KEMET Part Number: C0402C104M4VACTU
(C0402C104M4VAC7867)

SMD Comm Y5V, Ceramic, 0.1 uF, 20%, 16 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0402



Dimensions

Chip Size		0402
L		1mm +/-0.05mm
W		0.5mm +/-0.05mm
T		0.5mm +/-0.05mm
S		0.3mm MIN
B		0.3mm +/-0.1mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	10000

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:	1210 ug
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.1 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 1000 Hours
Insulation Resistance:	1 GOhms