

KEMET Part Number: C0402C104Z8VACTU
(C0402C104Z8VAC7867)

SMD Comm Y5V, Ceramic, 0.1 uF, -20/+80%, 10 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0402



Dimensions

Dimensions	
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
Miscellaneous:	Note: Referee time for Y5V dielectric for this part number is 48 hours
Chip Size:	0402
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	100000 pF, 1kHz 1.0Vrms
Capacitance Tolerance:	-20/+80%
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:	10.00% 1kHz 1.0Vrms
Aging Rate:	7% Loss/Decade Hour
Insulation Resistance:	500 MOhms

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