

## C0402C683Z8VACTU

Aliases (C0402C683Z8VAC7867)

SMD Comm Y5V, Ceramic, 0.068 uF, -20/+80%, 10 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0402, 0.3 mm



Click [here](#) for the 3D model.

### 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
Typical Component Weight	1.21 mg
Shelf Life	78 Weeks
MSL	1

### 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

### Specifications

Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	-20/+80%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 VDC
Temperature Range	-30/+85°C
Temp. 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	735.3 MOhms

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