

## C0805C224Z5VACTU

Aliases (C0805C224Z5VAC7800)

SMD Comm Y5V, Ceramic, 0.22 uF, -20/+80%, 50 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0805



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

### Dimensions

Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	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	21 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.22 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	-20/+80%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	5% 1kHz 1.0Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	454.5 MOhms