

C0805C104Z5VACTU

Aliases (C0805C104Z5VAC7800)

SMD Comm Y5V, Ceramic, 0.1 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
Т	0.78mm +/-0.10mm
S	0.75mm MIN
В	0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

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	11 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.1 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% 1 kHz 1.0Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	1GOhms

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