

KEMET Part Number: C0805C104Z5VACTU
(C0805C104Z5VAC7800)

SMD Comm Y5V, Ceramic, 0.1 uF, -20/+80%, 50 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0805



Dimensions

Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	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
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:	1 GOhms

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