

C1206C106Z3VACTU

Aliases (C1206C106Z3VAC7800)

SMD Comm Y5V, Ceramic, 10 uF, -20/+80%, 25 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 1206, 1.5 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	41 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	10 uF
Measurement Condition	120 Hz 0.5Vrms
Tolerance	-20/+80%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-30/+85°C
Temp. Coefficient	Y5V
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+22%/-82%, 120Hz 0.5Vrms
Dissipation Factor	7% 120 Hz 0.5Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	10 MOhms

Dimensions

Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

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