

C0805C685Z9VACTU

Aliases (C0805C685Z9VAC7800)

Obsolete

SMD Comm Y5V, Ceramic, 6.8 uF, -20/+80%, 6.3 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0.7 mm, 0805 / 2012



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
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	6.8 uF
Measurement Condition	120 Hz 0.5Vrms
Tolerance	-20/+80%
Voltage DC	6.3 VDC
Dielectric Withstanding Voltage	15.75 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	10% 120 Hz 0.5Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	7.4 MOhms

Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.7mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

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