

KEMET Part Number: C1210C685Z4VACTU
(C1210C685Z4VAC7800)



SMD Comm Y5V, Ceramic, 6.8 uF, -20/+80%, 16 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 1210



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

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	1.55mm +/-0.15mm
B	0.5mm +/-0.25mm

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

Specifications	
Capacitance:	6.8 uF
Measurement Condition:	120 Hz 0.5Vrms
Capacitance Tolerance:	-20/+80%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 VDC
Temperature Range:	-30/+85°C
Temperature 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 1000 Hours
Insulation Resistance:	15 MOhms

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