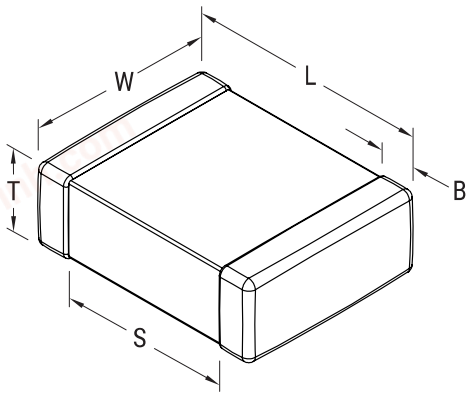
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KEMET Part Number: C0805C106Z8VACTU

(C0805C106Z8VAC7800)

SMD Comm Y5V, Ceramic, 10 uF, -20/+80%, 10 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0805



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

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

General Information	
Supplier:	KEMET
Series:	SMD Comm Y5V
Style:	SMD Chip
Description:	SMD, MLCC, General Purpose, Class III
Features:	Class III
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for Y5V dielectric for this part number is 48 hours
Chip Size:	0805
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	10 uF
Capacitance Tolerance:	-20/+80%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 VDC
Temperature Range:	-30/+85C
Temperature Coefficient:	Y5V
Dissipation Factor:	10.00% 120Hz 25C
Aging Rate:	7% Loss/Decade Hour
Insulation Resistance:	5 MOhms

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