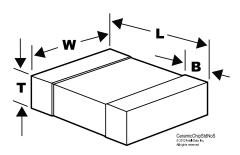
## KEMET Part Number: C1206C685K4PACTU

(C1206C685K4PAC7800)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 6.8 uF, +/-10% Tol, 16 V, X5R, 1206 (3216 metric)



General Information		
Supplier:	KEMET	
Application:	Standard Chip	
Chip Size:	1206 (3216 metric)	
Temperature Coefficient:	X5R	
Part Type Description:	SMD, MLCC, Temperature Stable, Class II	
Termination Type:	Tin (Sn)	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	3.2	+/-0.2
W	1.6	+/-0.2
T	1.6	+/-0.20
В	0.5	+/-0.25

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	2000	

Specifications	
Capacitance:	6.8 uF
Voltage:	16 V
Tolerance:	+/-10%
Temperature Range:	-55/+85C
Dissipation Factor:	10%
Failure Rate:	N/A
Aging Rate:	4% loss/decade hour
Insulation Resistance:	10 MOhm
Dielectric Strength:	40 V
Miscellaneous:	Note: Referee time for X5R dielectric for this part number is 1000 hours

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