## KEMET Part Number: C1206C683J5RACTU

(C1206C683J5RAC7800)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 0.068 uF, +/-5% Tol, 50 V, X7R, 1206 (3216 metric)



General Information		
Supplier:	KEMET	
Application:	Standard Chip	
Chip Size:	1206 (3216 metric)	
Temperature Coefficient:	X7R	
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
т	0.78	+/-0.10
В	0.5	+/-0.25

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Plastic Tape	
Package Quantity:	4000	

Specifications	
Capacitance:	0.068 uF
Voltage:	50 V
Tolerance:	+/-5%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	14.71 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

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