

**KEMET Part Number: C1206C105M3RACTU**  
 (C1206C105M3RAC7800, C1206C105M3RACTR, 1206C105M3RACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 1 uF, 20%, 25 V, 1206, X7R, SMD, MLCC, Temperature Stable, Class II



CeramicChipSolutions  
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Dimensions	
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.2mm +/-0.20mm
B	0.5mm +/-0.25mm

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

General Information	
Style:	SMD Chip
Supplier:	KEMET
Series:	Commercial-(CxxxxC)
Chip Size:	1206
Description:	SMD, MLCC, Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	20%
Voltage DC:	25 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Dielectric Strength:	62.5 V

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