

**KEMET Part Number: C0603C105K9RACTU**  
 (C0603C105K9RAC7867, C0603C105K9RACTR, 0603C105K9RACTU)



Ceramic, Commercial Grade, KEMET, Commercial-(CxxxxC), 1 uF, 10%, 6.3 V, 0603, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions	
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information	
Style:	SMD Chip
Supplier:	KEMET
Series:	Commercial-(CxxxxC)
Chip Size:	0603
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:	10%
Voltage DC:	6.3 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	10%
Aging Rate:	3% Loss/Decade Hour
Dielectric Strength:	15.75 V

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



© 2006 - 2016 IntelliData.net