

**KEMET Part Number: C0603C104M4RACTU**  
(C0603C104M4RAC7867)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 0.1 uF, +/-20% Tol, 16 V, X7R, 0603 (1608 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0603 (1608 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	1.6	+/-0.15
W	0.8	+/-0.15
T	0.8	+/-0.07
B	0.35	+/-0.15
S	0.7	MIN

Packaging Specifications	
Package Kind:	T&R
Package Type:	Paper Tape
Package Quantity:	4000

Specifications	
Capacitance:	0.1 uF
Voltage:	16 V
Tolerance:	+/-20%
Temperature Range:	-55/+125C
Dissipation Factor:	3.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	5 GOhm
Dielectric Strength:	40 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours

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.



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