

**KEMET Part Number: C0402C104K9PACTU**  
(C0402C104K9PAC7867)



SMD Comm X5R, Ceramic, 0.1 uF, 10%, 6.3 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0402



**Dimensions**

Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

**Packaging Specifications**

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	10000

**General Information**

Series:	SMD Comm X5R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Component Weight:	1210 ug
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Capacitance:	0.1 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC
Dielectric Withstanding Voltage:	15.75 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	5% 1 kHz 1.0Vrms
Aging Rate:	5% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance:	5 GOhms

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.

