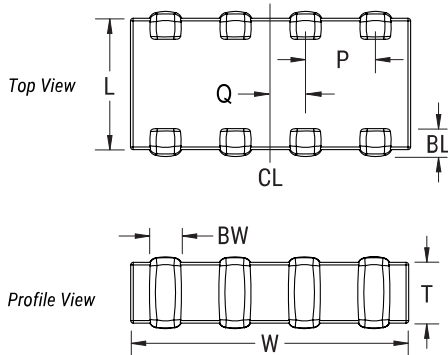


**KEMET Part Number: CA064X102K2RACTU**  
(CA064X102K2RAC7800)



Array Comm X7R Flex, Ceramic, 1000 pF, 10%, 200 VDC, X7R, SMD, MLCC, Array, Flex Termination, Class II, 0612



Dimensions	
L	1.6mm +/-0.2mm
W	3.2mm +/-0.2mm
T	0.8mm +/-0.10mm
P	0.8mm +/-0.10mm

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

General Information	
Series:	Array Comm X7R Flex
Style:	SMD Array
Description:	SMD, MLCC, Array, Flex Termination, Class II
RoHS:	Yes
Termination:	Flexible Termination
AEC-Q200:	No
Component Weight:	23 mg
Chip Size:	0612
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1000 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	200 VDC
Dielectric Withstanding Voltage:	500 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	2.5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	100 GOhms

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