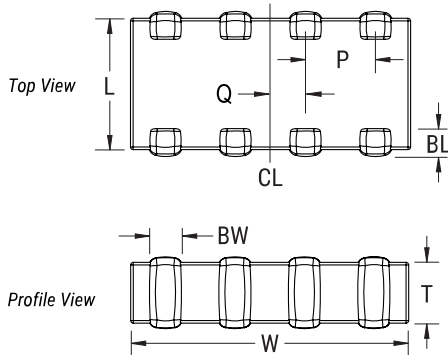


**KEMET Part Number: CA064X103K1RACTU**  
(CA064X103K1RAC7800)



Array Comm X7R Flex, Ceramic, 0.01 uF, 10%, 100 VDC, X7R, SMD, MLCC, Array, Flex Termination, Class II, 0612



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

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

Packaging Specifications	
<b>Packaging:</b>	T&R, 180mm, Paper Tape
<b>Packaging Quantity:</b>	4000

Specifications	
<b>Capacitance:</b>	0.01 uF
<b>Measurement Condition:</b>	1 kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	100 VDC
<b>Dielectric Withstanding Voltage:</b>	250 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	X7R
<b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b>	15%, 1kHz 1.0Vrms
<b>Dissipation Factor:</b>	2.5% 1 kHz 1.0Vrms
<b>Aging Rate:</b>	3% Loss/Decade Hour: Referee Time is 1000 Hours
<b>Insulation Resistance:</b>	100 GOhms

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