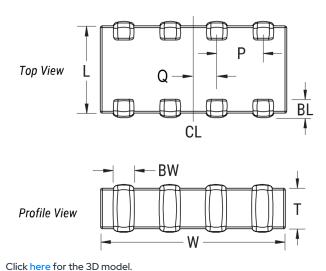


## CA064X102M3RACAUTO

Not for New Design

Array Auto X7R Flex, Ceramic, 1000 pF, 20%, 25 VDC, X7R, SMD, MLCC, Array, Flex Termination, Automotive Grade, 0612



Dimensions	
L	1.6mm +/-0.2mm
W	3.2mm +/-0.2mm

0.8mm +/-0.10mm

0.8mm +/-0.10mm

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

General Information				
Series	Array Auto X7R Flex			
Style	SMD Array			
Description	SMD, MLCC, Array, Flex Termination, Automotive Grade			
Features	Automotive Grade			
RoHS	Yes			
Termination	Flexible Termination			
Qualifications	AEC-Q200			
AEC-Q200	Yes			
Typical Component Weight	23 mg			
Notes	Last Time Buy Date (LTB): May 30th, 2024.			
Chip Size	0612			
Shelf Life	78 Weeks			
MSL	1			

Specifications				
Capacitance	1000 pF			
Measurement Condition	1 kHz 1.0Vrms			
Capacitance Tolerance	20%			
Voltage DC	25 VDC			
Dielectric Withstanding Voltage	62.5 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	3.5% 1 kHz 1.0 Vrms			
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours			
Insulation Resistance	100 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.