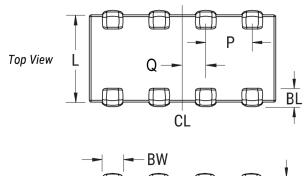
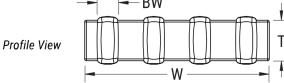


## CA064X180M1GACAUTO

Not for New Design

Array Auto COG Flex, Ceramic, 18 pF, 20%, 100 VDC, COG, SMD, MLCC, Array, Flex Termination, Automotive Grade, 0612





Click here for the 3D model.

Dimensions	
L	1.6mm +/-0.2mm
W	3.2mm +/-0.2mm
т	0.8mm +/-0.10mm
Р	0.8mm +/-0.10mm

Packaging Packaging Quantity

T&R, 180mm, Paper Tape 4000

General Information			
Series	Array Auto COG 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	18 mg		
Notes	Last Time Buy Date (LTB): May 30th, 2024.		
Chip Size	0612		
Shelf Life	78 Weeks		
MSL	1		

Specifications			
Capacitance	18 pF		
Measurement Condition	1 MHz 1.0Vrms		
Capacitance Tolerance	20%		
Voltage DC	100 VDC		
Dielectric Withstanding Voltage	250 VDC		
Temperature Range	-55/+125°C		
Temperature Coefficient	COG		
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MegaHz 1.0Vrms		
Dissipation Factor	0.1% 1 MHz 1.0Vrms		
Aging Rate	0% Loss/Decade Hour		
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.