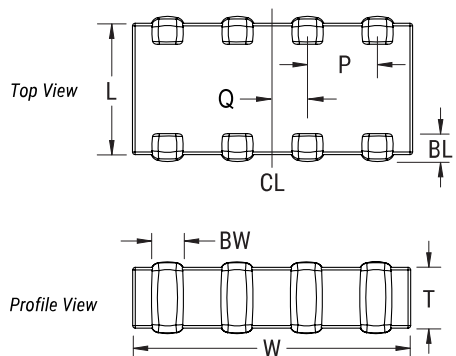


**KEMET Part Number: CA064X180M3GACTU**  
(CA064X180M3GAC7800)

**KEMET**

a YAGEO company

Array Comm COG Flex, Ceramic, 18 pF, 20%, 25 VDC, COG, 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 COG Flex
Style:	SMD Array
Description:	SMD, MLCC, Array, Flex Termination, Class II
RoHS:	Yes
Termination:	Flexible Termination
AEC-Q200:	No
Component Weight:	18 mg
Chip Size:	0612
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	18 pF
Measurement Condition:	1 MHz 1.0Vrms
Capacitance Tolerance:	20%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 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.

**KEMET**

a YAGEO company