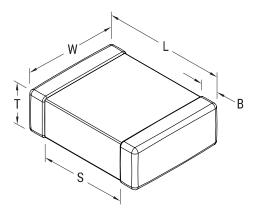
## **KEMET Part Number: C0402T471K3GAC**



SMD COTS C0G, Ceramic, 470 pF, 10%, 25 VDC, C0G, SMD, MLCC, COTS, Ultra-Stable, Low Loss, Class I, 0402



Dimensions		
Chip Size	0402	
L	1mm +/-0.05mm	
W	0.5mm +/-0.05mm	
Т	0.5mm +/-0.05mm	
S	0.3mm MIN	
В	0.3mm +/-0.1mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	1	

General Information		
Series:	SMD COTS COG	
Style:	SMD Chip	
Description:	SMD, MLCC, COTS, Ultra- Stable, Low Loss, Class I	
Features:	Ultra-Stable, Low Loss, Class I	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
Failure Rate:	Testing per MIL-PRF-55681 PDA 8%	
AEC-Q200:	No	
Component Weight:	1060 ug	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications		
Capacitance:	470 pF	
Measurement Condition:	1 MHz 1.0Vrms	
Capacitance Tolerance:	10%	
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.



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