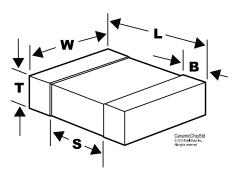
## KEMET Part Number: C0402C829D5GACTU

(C0402C829D5GAC7867)



Capacitor, Ceramic, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 8.2 pF, +/-0.5pF Tol, 50 V, C0G, 0402 (1005 metric)



General Information		
Supplier:	KEMET	
Application:	Standard Chip	
Chip Size:	0402 (1005 metric)	
Temperature Coefficient:	COG	
Part Type Description:	SMD, MLCC, Ultra-Stable, Low Loss, Class I	
Termination Type:	Tin (Sn)	
Marked:	No	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	1	+/-0.05
W	0.5	+/-0.05
Т	0.5	+/-0.05
В	0.3	+/-0.1
S	0.3	MIN

Packaging Specifications		
Package Kind:	T&R	
Package Size:	7 in/180 mm	
Package Type:	Paper Tape	
Package Quantity:	10000	

Specifications	
Capacitance:	8.2 pF
Voltage:	50 V
Tolerance:	+/-0.5pF
Temperature Range:	-55/+125C
Dissipation Factor:	0.1%
Failure Rate:	N/A
Aging Rate:	0% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: KEMET 50V rated parts may be operated at 63 Volts

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.

