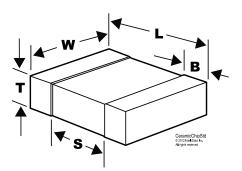
## KEMET Part Number: C0402C182K5RACTU

(C0402C182K5RAC7867)



Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 1800 pF, +/-10% Tol, 50 V, X7R, 0402 (1005 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0402 (1005 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, Temperature Stable, Class II
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:	1800 pF
Voltage:	50 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	100 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

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.

