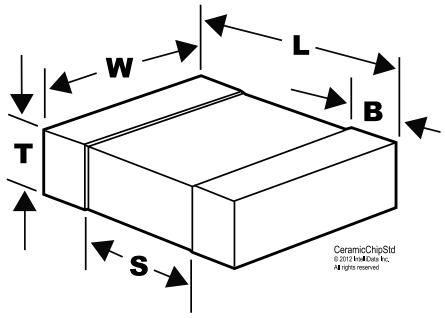
KEMET Part Number: C0402C681K5RACTU

(C0402C681K5RAC7867)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 680 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
T	0.5	+/-0.05
B	0.3	+/-0.1
S	0.3	MIN

Specifications	
Capacitance:	680 pF
Voltage:	50 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	NA
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

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

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