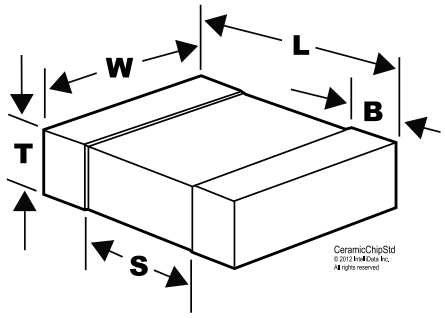
KEMET Part Number: C0805C682K5RACTU

(C0805C682K5RAC7800)

Capacitor, Ceramic, SMD, MLCC, Temperature Stable, Class II, 6800 pF, +/-10% Tol, 50 V, X7R, 0805 (2012 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	0805 (2012 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	2.00	+/-0.079
W	1.25	+/-0.049
T	0.78	+/-0.10
B	0.50	+/-0.02
S	0.75	MIN

Specifications	
Capacitance:	6800 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:	4000

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