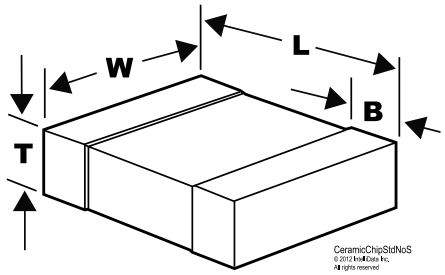
KEMET Part Number: C1808C681KHRACTU

(C1808C681KHRAC7800)

Capacitor, Ceramic, SMD, MLCC, High Voltage, Temperature Stable, 680 pF, +/-10% Tol, 3000 V, X7R, 1808 (4520 metric)



General Information	
Supplier:	KEMET
Application:	Standard Chip
Chip Size:	1808 (4520 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, High Voltage, Temperature Stable
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)		
Symbol	**Dimension**	**Tolerance**
L	4.7	+/-0.5
W	2	+/-0.2
T	2	+/-0.15
B	0.6	+/-0.35

Specifications	
Capacitance:	680 pF
Voltage:	3000 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:	3600 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Packaging Specifications	
Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	1000

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