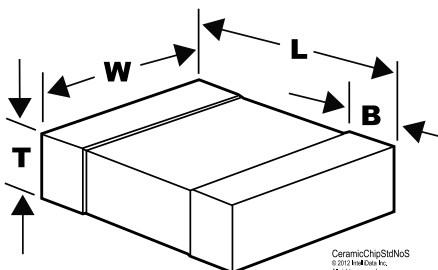


KEMET Part Number: C1808X102KGRACU
(C1808X102KGRAC7800)



Capacitor, Ceramic, SMD, MLCC, FT-CAP, Temp Stable, 1000 pF, +/-10% Tol, 2000 V, X7R, 1808 (4520 metric)



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General Information

Supplier:	KEMET
Application:	Standard Chip
Chip Size:	1808 (4520 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, FT-CAP, Temp Stable
Termination Type:	Flexible Termination
Marked:	No
RoHS:	Yes

Dimensions (mm)

Symbol	Dimension	Tolerance
L	4.7	+/-0.5
W	2	+/-0.2
T	1.6	+/-0.15
B	0.7	+/-0.35

Packaging Specifications

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

Specifications

Capacitance:	1000 pF
Voltage:	2000 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:	2400 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

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