

KEMET Part Number: C1812C224K5HACTU
(C1812C224K5HAC7800)

Capacitor, Ceramic, SMD, MLCC, High Temperature, Ultra-Stable, 0.22 uF, +/-10% Tol, 50 V, X8R, 1812 (4532 metric)



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General Information

Supplier:	KEMET
Application:	Standard Chip
Chip Size:	1812 (4532 metric)
Temperature Coefficient:	X8R
Part Type Description:	SMD, MLCC, High Temperature, Ultra-Stable
Termination Type:	Tin (Sn)
Marked:	No
RoHS:	Yes

Dimensions (mm)

Symbol	Dimension	Tolerance
L	4.5	+/-0.3
W	3.2	+/-0.3
T	1.6	+/-0.20
B	0.6	+/-0.35

Packaging Specifications

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

Specifications

Capacitance:	0.22 uF
Voltage:	50 V
Tolerance:	+/-10%
Temperature Range:	-55/+150C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	0% loss/decade hour
Insulation Resistance:	4.54 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X8R dielectric for this part number is 1000 hours