

Capacitor, Ceramic, SMD, MLCC, FT-CAP, Auto Grade, 0.22 uF, +/-10% Tol, 50 V, X7R, 0805 (2012 metric)



#### General Information

Supplier:	KEMET
Application:	Automotive (AEC-Q200 Qualified)
Chip Size:	0805 (2012 metric)
Temperature Coefficient:	X7R
Part Type Description:	SMD, MLCC, FT-CAP, Auto Grade
Termination Type:	Flexible Termination
Marked:	No
RoHS:	Yes

#### Dimensions (mm)

Symbol	Dimension	Tolerance
L	2	+/-0.3
W	1.25	+/-0.3
T	0.9	+/-0.10
B	0.5	+/-0.25
S	0.75	MIN

#### Packaging Specifications

Package Kind:	T&R
Package Size:	7 in/180 mm
Package Type:	Plastic Tape
Package Quantity:	4000

#### Specifications

Capacitance:	0.22 uF
Voltage:	50 V
Tolerance:	+/-10%
Temperature Range:	-55/+125C
Dissipation Factor:	2.5%
Failure Rate:	N/A
Aging Rate:	3% loss/decade hour
Insulation Resistance:	2.27 GOhm
Dielectric Strength:	125 V
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours