

KEMET Part Number: C0805T224K5RACTU
(C0805T224K5RAC7800)

SMD COTS X7R, Ceramic, COTS, 0.22 uF, 10%, 50 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0805



Dimensions

Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.9mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information

General Information	
Supplier:	KEMET
Series:	SMD COTS X7R
Style:	SMD Chip
Description:	SMD, MLCC, COTS, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	0805

Specifications

Specifications	
Capacitance:	0.22 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Dielectric Withstanding Voltage:	125 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	2.273 GOhms