

**KEMET Part Number: C0805F224K5RACTU**  
(C0805F224K5RAC7800)

Ceramic, Open Mode, OpenMode-(CxxxxF), 0.22 uF, 10%, 50 V, 0805, X7R, SMD, MLCC, Open Mode, Temperature Stable



Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications	
Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	2500

General Information	
Style:	SMD Chip
Series:	OpenMode-(CxxxxF)
Chip Size:	0805
Description:	SMD, MLCC, Open Mode, Temperature Stable
Features:	Open Mode, Temperature Stable
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications	
Capacitance:	0.22 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	2.27 GOhms
Dielectric Strength:	125 V