

**KEMET Part Number: CAN21X224KARACTU**  
(CAN21X224KARAC7800)

CAN SMD Indust X7R, Ceramic, 0.22 uF, 10%, X7R, SMD Chip, MLCC, AC Non-Safety Certified, 2220



Dimensions	
L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
T	1.6mm +/-0.20mm
B	0.7mm +/-0.35mm

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	1000

General Information	
Supplier:	KEMET
Series:	CAN SMD Indust X7R
Style:	SMD Chip
Description:	SMD Chip, MLCC, AC Non-Safety Certified
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	2220
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.22 uF
Capacitance Tolerance:	10%
Voltage AC:	250 VAC
Dielectric Withstanding Voltage:	945 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	455 MOhms