

## C2220X684KARACTU

Aliases (C2220X684KARAC7800)

SMD Comm X7R Flex, Ceramic, 0.68 uF, 10%, 250 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 3.5 mm, 2220 / 5651



Click [here](#) for the 3D model.

### General Information

Series	SMD Comm X7R Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Temperature Stable
Features	FT-CAP, Temperature Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
Typical Component Weight	170 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.68 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	250 VDC
Dielectric Withstanding Voltage	625 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.4706 GOhms

### Dimensions

L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
T	1.3mm +/-0.15mm
S	3.5mm MIN
B	0.7mm +/-0.35mm
Case Code (EIA / mm)	2220 / 5651

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

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