

## C2220X164MFRLCTU

Aliases (C2220X164MFRLC7800)

KONNEKT Comm X7R, Ceramic, 0.16 uF, 20%, 1500 VDC, X7R



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

Dimensions	
L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
T	5.1mm +/-0.4mm
B	0.7mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	300

General Information	
Series	KONNEKT Comm X7R
Style	KONNEKT
Description	SMD, MLCC, KONNEKT, Ultra-Stable, Class II
Features	High Density Packaging
RoHS	Yes
Termination	Flexible Termination
AEC-Q200	No
Component Weight	790 mg
Chip Size	2220-2
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.16 uF
Measurement Condition	120 Hz 0.5Vrms
Capacitance Tolerance	20%
Voltage DC	1500 VDC
Dielectric Withstanding Voltage	1800 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 120Hz 0.5Vrms
Dissipation Factor	2.5% 120 Hz 0.5Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	6.25 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.