

C2220X156M5RALTU

Aliases (C2220X156M5RAL7800)

SMD Comm X7R Flex, Ceramic, 15 uF, 20%, 50 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	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	724b81dc-0c36-4aa3-aabc-63f2cc6f8822
Termination	Flexible Termination With Lead (SnPb)
Marking	No
Typical Component Weight	390 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	5.9mm +/-0.75mm
W	5mm +/-0.4mm
T	2.4mm +/-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	500

Specifications

Capacitance	15 uF
Measurement Condition	120 Hz 0.5Vrms
Tolerance	20%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. 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: Referee Time is 1000 Hours
Insulation Resistance	33.3 MOhms

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