

## C1206X475K9RACTU

Aliases (C1206X475K9RAC7800)

SMD Comm X7R Flex, Ceramic, 4.7 uF, 10%, 6.3 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1206 / 3216



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	55 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	4.7 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	6.3 VDC
Dielectric Withstanding Voltage	15.75 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	10% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	21.3 MOhms

### Dimensions

L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.6mm +/-0.35mm
S	1.5mm MIN
B	0.6mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

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