

## C1206C475M6RACTU

Aliases (C1206C475M6RAC7800)

SMD Comm X7R, Ceramic, 4.7 uF, 20%, 35 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 1206, 1.5 mm



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

### General Information

Series	SMD Comm X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	41 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	4.7 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	35 VDC
Dielectric Withstanding Voltage	87.5 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 48 Hours
Insulation Resistance	21.3 MOhms

### Dimensions

Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1.6mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +/-0.25mm

### Packaging Specifications

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

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