

## C0805F474K3RACTU

Aliases (C0805F474K3RAC7800)

SMD Comm X7R FO, Ceramic, 0.47 uF, 10%, 25 VDC, X7R, SMD, MLCC, Open Mode, Temperature Stable, 0805, 0.7 mm



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

### General Information

Series	SMD Comm X7R FO
Style	SMD Chip
Description	SMD, MLCC, Open Mode, Temperature Stable
Features	Open Mode, Temperature Stable
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.47 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 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	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.0638 GOhms

### Dimensions

Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.15mm
S	0.7mm MIN
B	0.5mm +/-0.25mm

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

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