

C1808X182KGRACTU

Aliases (C1808X182KGRAC7800)

SMD Comm X7R HV Flex, Ceramic, 1,800 pF, 10%, 2,000 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 2.9 mm, 1808 / 4520



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

General Information

Series	SMD Comm X7R HV 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	100 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	1,800 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 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	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

Dimensions

L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	2mm +/-0.15mm
S	2.9mm MIN
B	0.7mm +/-0.35mm
Case Code (EIA / mm)	1808 / 4520

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

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