

C1808C153JCRCTU

Aliases (C1808C153JCRAC7800)

SMD Comm X7R HV, Ceramic, 0.015 uF, 5%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1808



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

Dimensions

Chip Size	1808
L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	1.4mm +/-0.15mm
B	0.6mm +/-0.35mm

Packaging Specifications

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

General Information

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

Specifications

Capacitance	0.015 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	5%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	66.6667 GOhms

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