

## C1808C103KDRALTU

Aliases (C1808C103KDRAL7800)

SMD Comm X7R HV, Ceramic, 0.01 uF, 10%, 1000 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	
Т	1.6mm +/-0.15mm	
В	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
RoHS	No
Prop 65	▲ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
SCIP Number	5549986b-60cf-4a2a-afbb-4ad1d7a11dcb
Termination	Lead (SnPb)
Marking	No
AEC-Q200	No
Component Weight	100 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1200 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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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