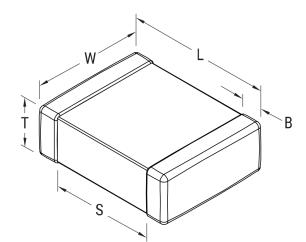


C0805C181KCRALTU

Aliases (C0805C181KCRAL7800)

SMD Comm X7R HV, Ceramic, 180 pF, 10%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 0805



Click here for the 3D model.

0805
2mm +/-0.2mm
1.25mm +/-0.2mm
1.25mm +/-0.15mm
0.75mm MIN
0.5mm +/-0.25mm

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

General Information	ı
Series	SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable
RoHS	No
Prop 65	A WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov.
Termination	Lead (SnPb)
Marking	No
AEC-Q200	No
Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	180 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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