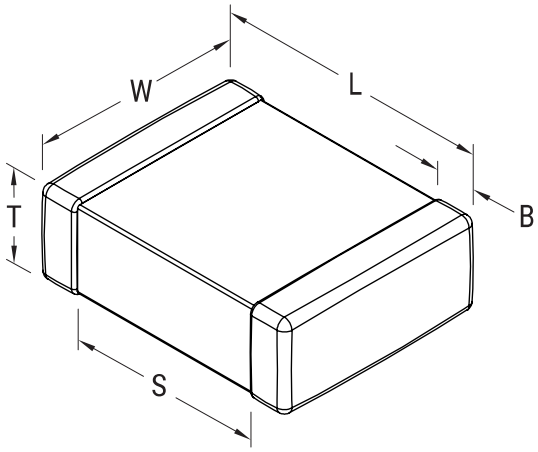
C0805Y510MBRACTU

Aliases (C0805Y510MBRAC7800)

SMD Comm X7R HV FF, Ceramic, 51 pF, 20%, 630 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, High Voltage, 0805 / 2012



Click here for the 3D model.

General Information	
Series	SMD Comm X7R HV FF
Style	SMD Chip
Description	SMD, MLCC, FF-CAP, Floating Electrode, High Voltage
Features	FF-CAP, Floating Electrode, High Voltage
RoHS	Yes
Termination	Flexible Termination
Marking	No
Typical Component Weight	21 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
T	1.25mm +/-0.15mm
S	0.7mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

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

Specifications	
Capacitance	51 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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

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