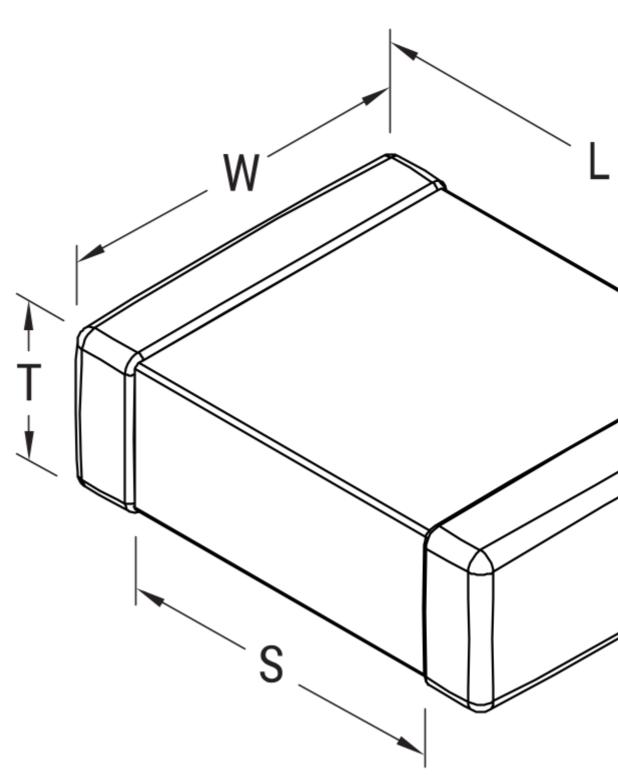
C0805C101JDRACTU

Aliases (C0805C101JDRAC7800)

SMD Comm X7R HV, Ceramic, 100 pF, 5%, 1000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 0805



Click <u>here</u> for the 3D model.

Dimensions

Chip Size 0805

L 2mm +/-0.2mm

Dimensions

W 1.25mm +/-0.2mm T 1.25mm +/-0.15mm

S 0.75mm MIN

B 0.5mm +/-0.25mm

Packaging Specifications

Packaging T&R, 180mm, Plastic Tape

Packaging Quantity 2500

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 21 mg
Shelf Life 78 Weeks

MSL 1

Specifications

Capacitance 100 pF

Measurement Condition 1 kHz 1.0Vrms

Capacitance Tolerance 5%

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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