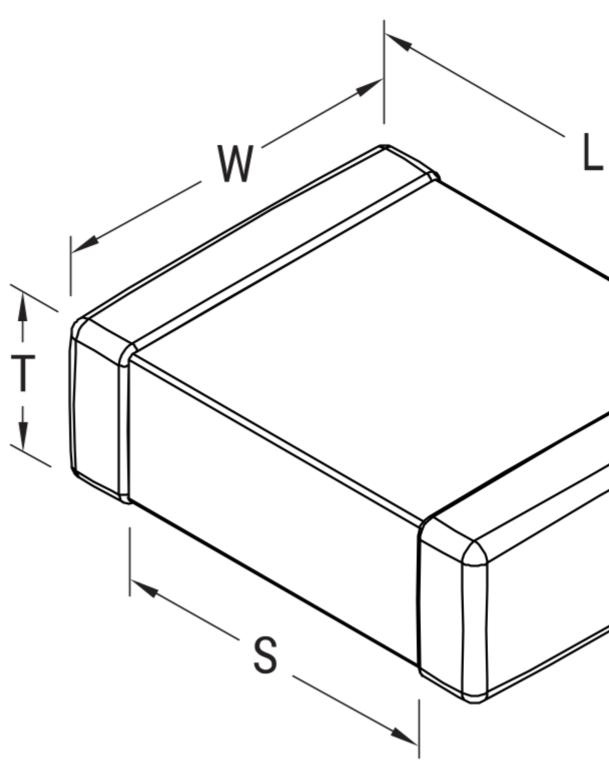
# C0603X153K3GECTU

# Aliases (C0603X153K3GEC7867)

ESD SMD Comm C0G, Ceramic, 0.015 uF, 10%, 25 VDC, C0G, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I, 0603



Click here for the 3D model.

**Dimensions** 

Chip Size 0603

L 1.6mm +/-0.17mm

#### **Dimensions**

W 0.8mm +/-0.15mm T 0.8mm +/-0.15mm

S 0.58mm MIN

B 0.45mm +/-0.15mm

## **Packaging Specifications**

Packaging T&R, 180mm, Paper Tape

Packaging Quantity 4000

#### **General Information**

Series ESD SMD Comm C0G

Style SMD Chip

Description SMD, MLCC, Temperature Stable, Electro Static Discharge, Class I

Features Temperature Stable, Low ESR, Class I

RoHS Yes

Termination Flexible Termination

Marking No
AEC-Q200 No
Component Weight 4.6 mg
Shelf Life 78 Weeks

MSL 1

### **Specifications**

Capacitance 0.015 uF

Measurement Condition 1 kHz 1.0Vrms

Capacitance Tolerance 10%
Voltage DC 25 VDC

ESD Level per AEC-Q200 25,000 V ESD Level

Dielectric Withstanding Voltage 62.5 VDC
Temperature Range -55/+125°C

Temperature Coefficient COG

Capacitance Change with Reference to +25°C and 0 VDC Applied 30 ppm/C, 1kHz

(TCC) 1.0Vrms

Dissipation Factor 0.1% 1 kHz 1.0Vrms
Aging Rate 0% Loss/Decade Hour

Insulation Resistance 66.6667 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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