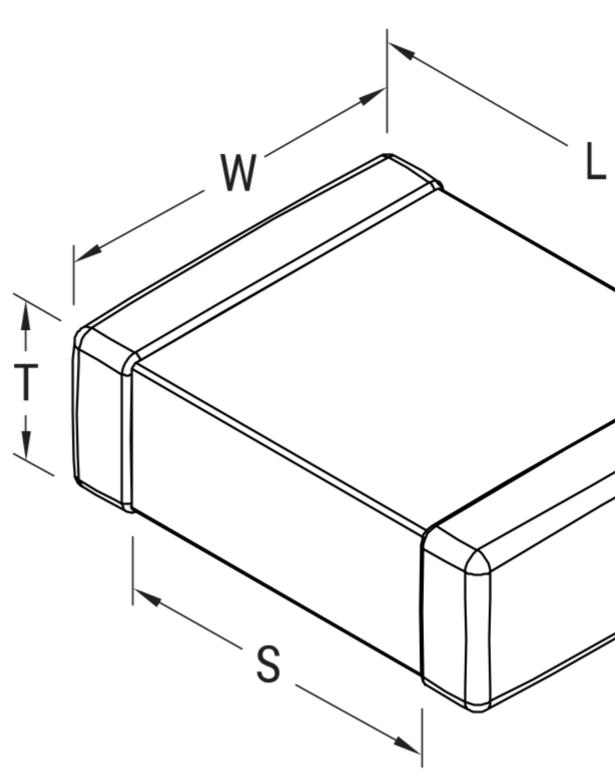
C0402C183M4RACTU

Aliases (C0402C183M4RAC7867)

SMD Comm X7R, Ceramic, 0.018 uF, 20%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0402



Click here for the 3D model.

Dimensions

Chip Size 0402

L 1 mm + /-0.05 mm

Dimensions

W 0.5mm +/-0.05mm T 0.5mm +/-0.05mm

S 0.3mm MIN

B 0.3mm +/-0.1mm

Packaging Specifications

Packaging T&R, 180mm, Paper Tape

Packaging Quantity 10000

General Information

Series SMD Comm X7R

Style SMD Chip

Description SMD, MLCC, Temperature Stable, Class II

Features Temperature Stable, Class II

RoHS Yes
Termination Tin
Marking No
AEC-Q200 No
Component Weight 1.21 mg
Shelf Life 78 Weeks

MSL 1

Specifications

Capacitance 0.018 uF

Measurement Condition 1 kHz 1.0Vrms

Capacitance Tolerance 20%

Voltage DC 16 VDC

Dielectric Withstanding Voltage 40 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 3.5% 1 kHz 1.0Vrms

Aging Rate 3% Loss/Decade Hour: Referee Time

is 1000 Hours

Insulation Resistance 10 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.

Generated 5/18/2023 - 3f9ab502-0eb9-49c5-81fe-d0920c87b31a

© 2006 - 2023 KEMET

Generated 5/18/2023 - 3f9ab502-0eb9-49c5-81fe-d0920c87b31a

© 2006 - 2023 KEMET