

C0402C150K3GACTU

Aliases (C0402C150K3GAC7867)

SMD Comm C0G, Ceramic, 15 pF, 10%, 25 VDC, C0G, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0402



Click [here](#) for the 3D model.

Dimensions

Chip Size 0402

L 1mm +/-0.05mm

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 C0G
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Component Weight	1.06 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	15 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	C0G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1MHz 1.0Vrms
Dissipation Factor	0.1% 1 MHz 1.0Vrms
Aging Rate	0% Loss/Decade Hour
Insulation Resistance	100 GOhms

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