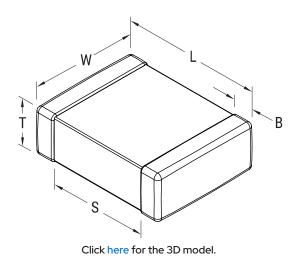


C0402C152J8JACTU

Aliases (C0402C152J8JAC7867) SMD Comm U2J, Ceramic, 1,500 pF, 5%, 10 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 0402, 0.3 mm



General Information	
Series	SMD Comm U2J
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
Typical Component Weight	1.06 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm

	,		
W	0.5mm +/-0.05mm	Tolerance	5%
Т	0.5mm +/-0.05mm	Voltage DC	10 VDC
S	0.3mm MIN	Dielectric Withstanding Voltage	25 VDC
В	0.3mm +/-0.1mm	Temperature Range	-55/+125°C
		Temp. Coefficient	U2J
Packaging Specifications		Capacitance Change with	-750+/-120 ppm
Packaging	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC 1.0Vrms Applied (TCC)	1.0Vrms
Packaging Quantity	10000	Dissipation Factor	0.1% 1 kHz 1.0\/rm

Specifications	
Capacitance	1,500 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	U2J
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	-750+/-120 ppm/C, 1kHz 1.0Vrms
Dissipation Factor	0.1% 1 kHz 1.0Vrms
Aging Rate	0.1% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 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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