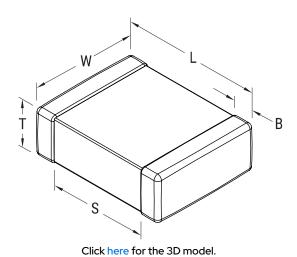


## C0402C330J4RACTU

Aliases (C0402C330J4RAC7867) SMD Comm X7R, Ceramic, 33 pF, 5%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0402, 0.3 mm



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
Typical Component Weight	1.21 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

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W	0.5mm +/-0.05mm	Tolerance	5%
Т	0.5mm +/-0.05mm	Voltage DC	16 VDC
S	0.3mm MIN	Dielectric Withstanding Voltage	40 VDC
В	0.3mm +/-0.1mm	Temperature Range	-55/+125°C
		Temp. Coefficient	X7R
Packaging Specifications	ifications Capacitance Change with		15%, 1kHz 1.0Vrms
Packaging	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)	·
Packaging Quantity	10000	Dissipation Factor	3 5% 1 kHz 10\/rms

Specifications	
Capacitance	33 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+125°C
Temp. 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 48 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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