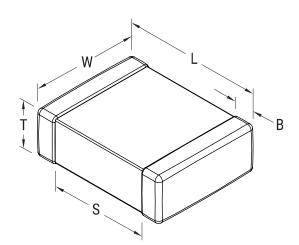


## C0805C300K5RACTU

Aliases (C0805C300K5RAC7800) SMD Comm X7R, Ceramic, 30 pF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0805, 0.7 mm



Click here for the 3D model.

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	11 mg
Shelf Life	78 Weeks
MSL	1

Dimensions		Specifi
Chip Size	0805	Capaci
L	2mm +/-0.2mm	Measur
W	1.25mm +/-0.2mm	Toleran
т	0.78mm +/-0.10mm	Voltage
S	0.7mm MIN	Dielect
В	0.5mm +/-0.25mm	Tempe
		Temp. (

## **Packaging Specifications** Packaging

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

Specifications	
Capacitance	30 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 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	2.5%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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