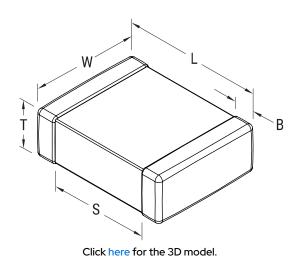


C0805C100M4RACTU

Aliases (C0805C100M4RAC7800) SMD Comm X7R, Ceramic, 10 pF, 20%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0805, 0.7 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	11 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
Т	0.78mm +/-0.10mm
S	0.7mm MIN
В	0.5mm +/-0.25mm
	,

Т	0.78mm +/-0.10mm	Voltage DC
S	0.7mm MIN	Dielectric Withstanding Voltage
В	0.5mm +/-0.25mm	Temperature Range
		Temp. Coefficient
Packaging Specifications		Capacitance Change with
Packaging	T&R, 180mm, Paper Tape	Reference to +25°C and 0 VDC Applied (TCC)
Packaging Quantity	4000	Dissipation Factor

Specifications	
Capacitance	10 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
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 1000 Hours
Insulation Resistance	100 GOhms

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