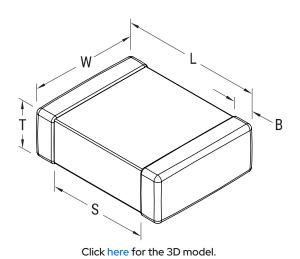


C1805C103M5RACTU

Aliases (C1805C103M5RAC7800) SMD Comm X7R, Ceramic, 0.01 uF, 20%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 1805, 2.9 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	41 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1805
L	4.5mm +/-0.5mm
W	1.27mm +/-0.38mm
Т	0.9mm +/-0.10mm
S	2.9mm MIN
В	0.6mm +/-0.35mm

Specifications	
Capacitance	0.01 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours

100 GOhms

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

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Insulation Resistance

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