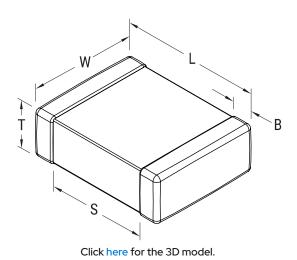




SMD Comm Y5V, Ceramic, 0.1 uF, -20/+80%, 16 VDC, Y5V, SMD, MLCC, General Purpose, Class III, 0402, 0.3 mm



General Information	
Series	SMD Comm Y5V
Style	SMD Chip
Description	SMD, MLCC, General Purpose, Class III
Features	Class III
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
	0.3mm MIN

W	0.5mm +/-0.05mm
Т	0.5mm +/-0.05mm
S	0.3mm MIN
В	0.3mm +/-0.1mm
Packaging Specifications	

T&R, 330mm, Paper Tape
50000

Specifications	
Capacitance	0.1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	-20/+80%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-30/+85°C
Temp. Coefficient	Y5V
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+22%/-82%, 1kHz 1.0Vrms
Dissipation Factor	7% 1 kHz 1.0 Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1GOhms

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