



Click [here](#) for the 3D model.

Dimensions

Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

Packaging Specifications

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

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
Component Weight	1.21 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	2.2 uF
Measurement Condition	1 kHz 0.5Vrms
Capacitance Tolerance	-20/+80%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 VDC
Temperature Range	-30/+85°C
Temperature Coefficient	Y5V
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	+22%/-82%, 1kHz 0.2Vrms
Dissipation Factor	10% 1 kHz 0.5Vrms
Aging Rate	7% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	22.7 MOhms