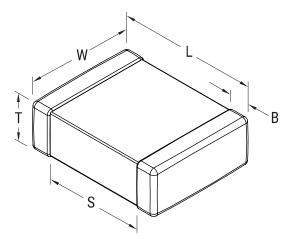


## C1210C105M1RALTM

Aliases (C1210C105M1RAL7025) SMD Comm X7R SnPb, Ceramic, 1 uF, 20%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, SnPb Termination, 1210



Click here for the 3D model.

General Information	
Series	SMD Comm X7R SnPb
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, SnPb Termination
Features	SnPb Termination
RoHS	No
Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
Termination	Lead (SnPb)
Marking	Yes
AEC-Q200	No
Typical Component Weight	85 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
т	1.7mm +/-0.20mm
S	1.5mm MIN
В	0.5mm +/-0.25mm

## Packaging SpecificationsPackagingT&R, 180mm, Plastic TapePackaging Quantity2000

Specifications	
Capacitance	1uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+125°C
Temperature 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	500 MOhms

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