

C1210Y105M3RACTU

Aliases (C1210Y105M3RAC7800)

SMD Comm X7R FF, Ceramic, 1 uF, 20%, 25 VDC, X7R, SMD, MLCC, FF-CAP, Floating Electrode, 1210 / 3225



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

General Information

Series	SMD Comm X7R FF
Style	SMD Chip
Description	SMD, MLCC, FF-CAP, Floating Electrode
Features	FF-CAP, Floating Electrode
RoHS	Yes
Termination	Flexible Termination
Marking	No
Typical Component Weight	85 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	1 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%
Dissipation Factor	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	500 MOhms

Dimensions

L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	1.7mm +/-0.2mm
S	1.5mm MIN
B	0.6mm +/-0.25mm
Case Code (EIA / mm)	1210 / 3225

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2000

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