

C1210C823KCRCTU

Aliases (C1210C823KCRAC7800)

SMD Comm X7R HV, Ceramic, 0.082 uF, 10%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1.5 mm, 1210 / 3225



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

General Information

Series	SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable
Features	High Voltage
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	65 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.082 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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
Insulation Resistance	1.2195 GOhms

Dimensions

L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	1.55mm +/-0.15mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1210 / 3225

Packaging Specifications

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

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