

C1210X683KDRACTU

Aliases (C1210X683KDRAC7800)

SMD Comm X7R HV Flex, Ceramic, 0.068 uF, 10%, 1,000 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1.5 mm, 1210 / 3225



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

General Information

Series	SMD Comm X7R HV Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Temperature Stable
Features	FT-CAP, Temperature Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
Typical Component Weight	135 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 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	1.4706 GOhms

Dimensions

L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	2.5mm +/-0.30mm
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	1000

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