

C1210V623KDRACTU

Aliases (C1210V623KDRAC7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.062 uF, 10%, 1,000 VDC, X7R, SMD, MLCC, ArcShield, High Voltage, Temperature Stable, 1210



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

General Information

Series	ArcShield SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, ArcShield, High Voltage, Temperature Stable
Features	High Voltage, Temperature Stable
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	135 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.062 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1,200 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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.6129 GOhms

Dimensions

Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	2.5mm +/-0.30mm
S	1.5mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

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