

## C1210W273KDRACTU

Aliases (C1210W273KDRAC7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.027 uF, 10%, 1000 VDC, X7R, SMD, MLCC, Arcshield, High Voltage, 1210



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

### Dimensions

Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	1.25mm +/-0.20mm
B	0.6mm +/-0.25mm

### Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

### General Information

Series	ArcShield SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, Arcshield, High Voltage
Features	High Voltage
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Component Weight	65 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

### Specifications

Capacitance	0.027 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	1000 VDC
Dielectric Withstanding Voltage	1200 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	37.037 GOhms

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