

## C1206W153KDRACTU

Aliases (C1206W153KDRAC7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.015 uF, 10%, 1,000 VDC, X7R, SMD, MLCC, ArcShield, High Voltage, 1.5 mm, 1206 / 3216



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

### 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
Typical Component Weight	55 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

### Dimensions

L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.7mm +/-0.20mm
S	1.5mm MIN
B	0.6mm +/-0.25mm
Case Code (EIA / mm)	1206 / 3216

### Packaging Specifications

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

### Specifications

Capacitance	0.015 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	6.6667 GOhms

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