

# C1206W333KBRALTU

Aliases (C1206W333KBRAL7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.033 uF, 10%, 630 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	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
SCIP Number	7ec925ae-a760-4fa4-b241-5c72235270f0
Termination	Flexible Termination With Lead (SnPb)
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	0.033 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	3.0303 GOhms

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