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**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	65 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

**Dimensions**

L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	1.25mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	1210 / 3225

**Specifications**

Capacitance	0.033 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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

**Packaging Specifications**

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

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