

C1210W823KBRALTU

Aliases (C1210W823KBRAL7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.082 uF, 10%, 630 VDC, X7R, SMD, MLCC, ArcShield, High Voltage, 1210, 1.5 mm



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	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov/
SCIP Number	7ec925ae-a760-4fa4-b241-5c72235270f0
Termination	Flexible Termination With Lead (SnPb)
Marking	No
AEC-Q200	No
Typical Component Weight	105 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	1210
L	3.3mm +/-0.4mm
W	2.6mm +/-0.3mm
T	2.1mm +/-0.20mm
S	1.5mm MIN
B	0.6mm +/-0.25mm

Packaging Specifications

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

Specifications

Capacitance	0.082 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% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.2195 GOhms

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