

C1808W223KDRACTU

Aliases (C1808W223KDRAC7800)

ArcShield SMD Comm X7R HV, Ceramic, 0.022 uF, 10%, 1,000 VDC, X7R, SMD, MLCC, ArcShield, High Voltage, 2.9 mm, 1808 / 4520



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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
Typical Component Weight	47 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

Dimensions

L	4.7mm +/-0.5mm
W	2mm +/-0.2mm
T	1mm +/-0.10mm
S	2.9mm MIN
B	0.7mm +/-0.35mm
Case Code (EIA / mm)	1808 / 4520

Packaging Specifications

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

Specifications

Capacitance	0.022 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	4.5455 GOhms

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