

C1825W124MBRACTM

Aliases (C1825W124MBRAC7025)

ArcShield SMD Comm X7R HV, Ceramic, 0.12 uF, 20%, 630 VDC, X7R, SMD, MLCC, ArcShield, High Voltage, 1825



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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	true
AEC-Q200	No
Typical Component Weight	240 mg
Miscellaneous	X7R dielectric is not recommended for AC line filtering or pulse applications.
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.12 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	20%
Voltage DC	630 VDC
Dielectric Withstanding Voltage	945 VDC
Temperature Range	-55/+125°C
Temperature 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	833.3 MOhms

Dimensions	
Chip Size	1825
L	4.6mm +/-0.4mm
W	6.4mm +/-0.4mm
T	1.4mm +/-0.15mm
S	2.3mm MIN
B	0.7mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	1000

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