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Dimensions	
Chip Size	1812
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
T	2mm +/-0.20mm
B	0.7mm +/-0.35mm

Packaging Specifications	
Packaging	T&R, 330mm, Plastic Tape
Packaging Quantity	2000

General Information	
Series	SMD Comm X7R FO
Style	SMD Chip
Description	SMD, MLCC, Open Mode, Temperature Stable
Features	Open Mode, Temperature Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	185 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	1 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1 GOhms

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