

C1812C271MBRACTU

General Information

Series

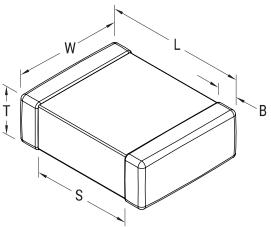
Style

Aliases (C1812C271MBRAC7800)

SMD Comm X7R HV, Ceramic, 270 pF, 20%, 630 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1812, 2.3 mm

SMD Comm X7R HV

SMD Chip



nensions	Specifications	
	MSL	1
Click here for the 3D model.	Shelf Life	78 Weeks
	Typical Component Weight	95 mg
	AEC-Q200	No
	Marking	No
	Termination	Tin
	RoHS	Yes
	Features	High Voltage
	Description	SMD, MLCC, High Voltage, Temperature Stable

Dimensions	
Chip Size	1812
L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
Т	1mm +/-0.10mm
S	2.3mm MIN
В	0.6mm +/-0.35mm

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

Specifications	
Capacitance	270 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
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	100 GOhms

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