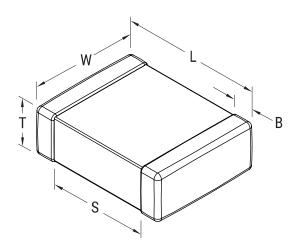


C1825C102MGRACTU

Aliases (C1825C102MGRAC7800) SMD Comm X7R HV, Ceramic, 1,000 pF, 20%, 2,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1825, 2.3 mm



Click here for the 3D model.

General Information	
Series	SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable
Features	High Voltage
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	280 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
 Capacitance	1,000 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	2000 VDC
Dielectric Withstanding Voltage	2,400 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%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

 Dimensions

 Chip Size
 1825

 L
 4.5mm +/-0.3mm

 W
 6.4mm +/-0.4mm

 T
 1.6mm +/-0.20mm

 S
 2.3mm MIN

 B
 0.6mm +/-0.35mm

Packaging Specifications

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

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