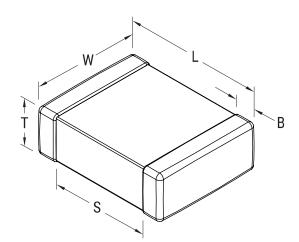


C1808C680MHRACTU

Aliases (C1808C680MHRAC7800) SMD Comm X7R HV, Ceramic, 68 pF, 20%, 3,000 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1808, 2.9 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	100 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	68 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	3000 VDC
Dielectric Withstanding Voltage	3,600 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
 1808

 L
 4.7mm +/-0.5mm

 W
 2mm +/-0.2mm

 T
 1.6mm +/-0.15mm

 S
 2.9mm MIN

 B
 0.6mm +/-0.35mm

Packaging Specifications

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

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