

View Online at <https://aerobasegroup.com/nsn/5985-01-029-3279>

**Application Design:**

Waveguide

**Body Material:**

Aluminum alloy

**Body Style:**

Rectangular, terminal/terminals on opposite surfaces

**Body Surface Treatment:**

Any acceptable

**Overall Length:**

2.120 inches

**Center To Center Distance Between Mounting Facilities Parallel To Length:**

Between 1.276 inches and 1.284 inches

**Center To Center Distance Between Mounting Facilities Parallel To Width:**

Between 1.216 inches and 1.224 inches

**Overall Height:**

0.780 inches

**Overall Width:**

1.620 inches

**Mounting Hole/stud Quantity:**

4

**Unthreaded Mounting Hole Diameter:**

Between 0.167 inches and 0.171 inches

**Operating Temperature Range:**

-40.0/+80.0 degrees celsius

**Voltage Standing Wave Ratio:**

1.40

**Voltage Standing Wave Ratio Frequency Range:**

+8.9/+9.4 gigahertz

**Mounting Method:**

Unthreaded hole

**Terminal Type And Quantity:**

1 flange

**Frequency Range:**

Between 8.900 gigahertz and 9.400 gigahertz

**Special Features:**

Insertion loss 0.5 db max; isolation 20.0 db min

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A20000