

View Online at <https://aerobasegroup.com/nsn/5985-00-318-1840>

**Application Design:**

Waveguide

**Body Material:**

Aluminum

**Body Style:**

Rectangular, terminal/terminals on opposite surfaces

**Body Surface Treatment:**

Chromium plated

**Overall Length:**

2.000 inches

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

1.280 inches

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

1.220 inches

**Overall Height:**

1.625 inches

**Overall Width:**

1.625 inches

**Mounting Hole/stud Quantity:**

4

**Inside Width:**

0.900 inches

**Unthreaded Mounting Hole Diameter:**

0.169 inches

**Operating Temperature Range:**

+0.0 to 71.0 degrees celsius

**Inside Height:**

0.400 inches

**Voltage Standing Wave Ratio:**

1.20

**Power Rating:**

2.0 watts average

**Rf Signal Attenuation In Decibels:**

40.0

**Voltage Standing Wave Ratio Frequency Range:**

+8.2 to 12.4 gigahertz

**Waveguide Flange Type:**

Cover

**Waveguide Flange Designation:**

Ug-39/u

**Attenuation Accuracy In Decibels:**

-0.50 to 0.50

**Waveguide Designation:**

Rg-52/u

**Frequency Sensitivity Attenuation In Decibels:**

Not rated

**Temperature Sensitivity Attenuation In Decibels:**

Not rated

**Connection Type Per Function:**

Female input-output

**Mounting Method:**

Terminal w/mounting holes

**Terminal Type And Quantity:**

2 flange

**Frequency Range:**

Between 8.200 gigahertz and 12.400 gigahertz

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A20000