

View Online at <https://aerobasegroup.com/nsn/5985-01-343-3120>

**Application Design:**

Waveguide

**Body Material:**

Copper alloy

**Body Style:**

Rectangular, terminal/terminals on opposite surfaces

**Body Surface Treatment:**

Rhodium plated

**Overall Length:**

2.500 inches

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

Between 0.528 inches and 0.532 inches

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

Between 0.498 inches and 0.502 inches

**Overall Height:**

Between 0.748 inches and 0.752 inches

**Overall Width:**

Between 0.748 inches and 0.752 inches

**Mounting Hole/stud Quantity:**

4

**Inside Width:**

Between 0.3600 inches and 0.3615 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.116 inches and 0.119 inches

**Inside Height:**

Between 0.2200 inches and 0.2215 inches

**Voltage Standing Wave Ratio:**

1.14

**Input Impedance Rating In Ohms:**

50.0

**Output Impedance Rating In Ohms:**

50.0

**Power Rating:**

0.8 watts average

**Rf Signal Attenuation In Decibels:**

30.0

**Voltage Standing Wave Ratio Frequency Range:**

+26.5/+40.0 gigahertz

**Waveguide Flange Type:**

Cover

**Mounting Method:**

Unthreaded hole

**Terminal Type And Quantity:**

2 flange

**Frequency Range:**

Between 26.500 gigahertz and 40.000 gigahertz

**Precious Material And Location:**

External surfaces rhodium

**Precious Material:**

Rhodium

**Fsc Application Data:**

Antennas, waveguides, and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A20000