

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:

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Demilitarization:

No

Fig:

A20000