

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