

View Online at <https://aerobasegroup.com/nsn/5985-01-094-2996>

**Application Design:**

Waveguide

**Body Material:**

Metal

**Body Style:**

Rectangular, terminal/terminals on opposite surfaces

**Overall Length:**

Between 3.150 inches and 3.350 inches

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

0.640 inches

**Overall Height:**

Between 0.860 inches and 0.890 inches

**Overall Width:**

Between 0.860 inches and 0.890 inches

**Mounting Hole/stud Quantity:**

8

**Inside Width:**

Between 0.503 inches and 0.505 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.116 inches and 0.118 inches

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

0.670 inches

**Operating Temperature Range:**

+0.0/+50.0 degrees celsius

**Inside Height:**

Between 0.253 inches and 0.255 inches

**Voltage Standing Wave Ratio:**

1.20

**Rf Signal Attenuation In Decibels:**

17.0

**Voltage Standing Wave Ratio Frequency Range:**

+18.0/+26.5 gigahertz

**Waveguide Flange Type:**

Cover

**Waveguide Flange Designation:**

M3922/54-001

**Attenuation Accuracy In Decibels:**

-2.50/+2.50

**Waveguide Designation:**

M85/1

**Mounting Method:**

Terminal w/mounting holes

**Terminal Type And Quantity:**

2 flange

**Frequency Range:**

Between 18.000 gigahertz and 26.500 gigahertz

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A20000