

View Online at <https://aerobasegroup.com/nsn/5985-01-114-7130>

Application Design:

Waveguide

Body Material:

Metal

Body Style:

Rectangular, terminal/terminals on opposite surfaces

Body Surface Treatment:

Enamel

Overall Length:

10.538 inches

Center To Center Distance Between Mounting Facilities Parallel To Length:

0.478 inches

Center To Center Distance Between Mounting Facilities Parallel To Width:

0.497 inches

Overall Height:

1.875 inches

Overall Width:

1.875 inches

Mounting Hole/stud Quantity:

4

Inside Width:

1.255 inches

Unthreaded Mounting Hole Diameter:

0.144 inches

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Inside Height:

0.630 inches

Voltage Standing Wave Ratio:

1.15

Input Impedance Rating In Ohms:

50.0

Output Impedance Rating In Ohms:

50.0

Power Rating:

8.0 watts average

Rf Signal Attenuation In Decibels:

10.0

Voltage Standing Wave Ratio Frequency Range:

+7.05/+10.00 gigahertz

Waveguide Flange Type:

Cover

Waveguide Flange Designation:

Ug-138/u

Waveguide Designation:

Rg-68/u

Mounting Method:

Terminal w/mounting holes

Terminal Type And Quantity:

2 flange

Frequency Range:

Between 7.050 gigahertz and 10.000 gigahertz

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A20000