

View Online at <https://aerobasegroup.com/nsn/5985-01-419-4619>

Application Design:

Waveguide

Body Material:

Copper alloy

Body Style:

Rectangular, terminal/terminals on opposite surfaces

Body Surface Treatment:

Enamel and silver plated

Overall Length:

Between 3.970 inches and 4.030 inches

Overall Height:

0.750 inches

Overall Width:

0.750 inches

Mounting Hole/stud Quantity:

4

Inside Width:

0.222 inches

Unthreaded Mounting Hole Diameter:

Between 0.116 inches and 0.118 inches

Operating Temperature Range:

-15.0/+55.0 degrees celsius

Inside Height:

0.362 inches

Voltage Standing Wave Ratio:

1.20

Power Rating:

0.5 watts average

Rf Signal Attenuation In Decibels:

15.0

Waveguide Flange Type:

Cover

Waveguide Flange Designation:

Ug-599/u

Attenuation Accuracy Reference Frequency:

35.0 gigahertz

Attenuation Accuracy In Decibels:

-3.00/+3.00

Mounting Method:

Unthreaded hole

Terminal Type And Quantity:

2 flange

Frequency Range:

Between 26.500 gigahertz and 40.000 gigahertz

Precious Material And Location:

Waveguide surfaces silver

Precious Material:

Silver

Specification Data:

20418-es8161 manufacturers specification control

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A20000