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**Application Design:**

Waveguide

**Body Material:**

Aluminum alloy, qq-a-250/11, alloy 6061, t6

**Body Style:**

Rectangular, terminal/terminals on opposite surfaces

**Body Surface Treatment:**

Silver plated, qq-s-365 and painted

**Overall Length:**

Between 3.984 inches and 4.016 inches

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

0.676 inches

**Overall Height:**

1.875 inches

**Overall Width:**

1.875 inches

**Mounting Hole/stud Quantity:**

4

**Inside Width:**

1.253 inches

**Unthreaded Mounting Hole Diameter:**

0.169 inches

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

0.737 inches

**Operating Temperature Range:**

-62.0/+71.0 degrees celsius

**Inside Height:**

0.628 inches

**Voltage Standing Wave Ratio:**

1.20

**Power Rating:**

1.0 watts average

**Rf Signal Attenuation In Decibels:**

18.0

**Voltage Standing Wave Ratio Frequency Range:**

+7.05/+10.00 gigahertz

**Waveguide Flange Type:**

Choke and cover

**Waveguide Flange Designation:**

Ug-138/u

**Attenuation Accuracy In Decibels:**

-0.20/+0.20

**Connection Type Per Function:**

Female input and male output

**Mounting Method:**

Terminal w/mounting holes

**Terminal Type And Quantity:**

2 flange

**Frequency Range:**

Between 7.050 gigahertz and 10.000 gigahertz

**Precious Material And Location:**

Finish silver

**Precious Material:**

Silver

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A20000