# NSN 5985-00-083-3100

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# **Cross Sectional Shape:**

Internal, rectangular external, rectangular

#### **Tubing Wall Construction Style:**

Convolute single tubing segment

#### Flange Quantity:

2

#### Flange Inside Width:

2.002 inches all flanges and 2.005 inches all flanges

#### Flange Inside Height:

1.002 inches all flanges and 1.005 inches all flanges

#### Flange Outside Diameter:

3.625 inches all flanges

#### Flange Depth:

0.375 inches all flanges

#### Flange Connecting Hole Diameter:

0.219 inches all flanges single connection facility and 0.223 inches all flanges single connection facility

# **Voltage Standing Wave Ratio:**

1.10

# **Maximum Operating Pressure:**

15.0 pounds per square inch gage

# **Waveguide Outside Width:**

Between 1.995 inches and 2.005 inches

# Waveguide Inside Width:

Between 1.867 inches and 1.877 inches

# **Waveguide Inside Height:**

Between 0.867 inches and 0.877 inches

# **Waveguide Outside Height:**

Between 0.995 inches and 1.005 inches

#### Flange Connecting Facility And Quantity:

8 unthreaded hole all flanges single connection facility

# Flange Style:

Cover type all flanges

# Waveguide Length:

5.688 inches

# **Waveguide Center To Center Distance:**

**6.563** inches

#### **Special Features:**

Tubing wall construction can also be seamless or null-point seam

# Flexibility:

Rigid single tubing segment

#### Material:

Aluminum alloy all flange

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# **Precious Material And Location:**

Tubing internal surface silver

**Surface Treatment:** 

Silver single tubing segment inside surfaces

**Style Designator:** 

Offset bend type

Shelf Life:

N/a

**Unit Of Measure:** 

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Demilitarization:

Yes - demil/mli

Fiig:

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