

View Online at <https://aerobasegroup.com/nsn/5985-00-072-9644>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange single connection facility

Thread Direction:

Right-hand first flange single connection facility

Bend Angle In Deg:

45.0 second bend h-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.310 inches second flange and 1.314 inches second flange

Flange Inside Height:

0.628 inches second flange and 0.631 inches second flange

Flange Outside Width:

3.250 inches second flange

Flange Outside Height:

1.867 inches second flange and 1.883 inches second flange

Flange Depth:

0.620 inches first flange and 0.630 inches first flange

Flange Connecting Hole Diameter:

0.167 inches second flange single connection facility and 0.175 inches second flange single connection facility

Maximum Operating Pressure:

12.0 pounds per square inch gage

Waveguide Outside Width:

1.375 inches

Thread Size:

0.164 inches first flange single connection facility

Waveguide Inside Width:

Between 1.001 inches and 1.007 inches

Waveguide Inside Height:

Between 0.494 inches and 0.500 inches

Waveguide Outside Height:

0.750 inches

Waveguide Longer Offset Distance:

Between 5.422 inches and 5.452 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange single connection facility

Flange Style:

Cover type second flange

Waveguide Offset Distance:

Between 2.860 inches and 2.890 inches

Special Features:

One 0.375 in. Diameter copper tube on each side of waveguide through each flange

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all flange

Surface Treatment:

Gold all tubing segment inside surfaces and silver all tubing segment inside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc first flange single connection facility

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A073a0