

View Online at <https://aerobasegroup.com/nsn/5985-01-017-1223>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange single connection facility

Thread Direction:

Right-hand second flange single connection facility

Bend Angle In Deg:

90.0 third bend e-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

0.899 inches second flange and 0.901 inches second flange

Flange Inside Height:

0.399 inches second flange and 0.401 inches second flange

Flange Outside Width:

2.078 inches second flange and 2.108 inches second flange

Flange Outside Height:

1.578 inches second flange and 1.608 inches second flange

Flange Depth:

0.297 inches second flange and 0.327 inches second flange

Flange Connecting Hole Diameter:

0.193 inches first flange single connection facility and 0.199 inches first flange single connection facility

Voltage Standing Wave Ratio:

1.20

Maximum Operating Pressure:

5.0 pounds per square inch gage

Waveguide Outside Width:

Between 0.997 inches and 1.003 inches

Thread Size:

0.164 inches second flange single connection facility

Waveguide Inside Width:

Between 0.897 inches and 0.903 inches

Waveguide Inside Height:

Between 0.397 inches and 0.403 inches

Waveguide Outside Height:

Between 0.497 inches and 0.503 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole first flange single connection facility

Flange Style:

Contact type second flange

Special Features:

Two 4.000 in. Lg waveguide sections mtd across waveguide assembly

Flexibility:

Rigid all tubing segment

Material:

Beryllium all flange

Surface Treatment:

Nickel all tubing segment inside surfaces

Thread Series Designator:

Unc second flange single connection facility

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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