

View Online at <https://aerobasegroup.com/nsn/5985-00-180-8197>

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:

90.0 single bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.705 inches second flange and 0.707 inches second flange

Flange Inside Height:

0.394 inches second flange and 0.396 inches second flange

Flange Outside Width:

1.298 inches second flange and 1.328 inches second flange

Flange Outside Height:

1.298 inches second flange and 1.328 inches second flange

Flange Depth:

0.360 inches first flange and 0.390 inches first flange

Flange Connecting Hole Diameter:

0.144 inches second flange single connection facility and 0.147 inches second flange single connection facility

Thread Qty Per Inch (tpi):

32 first flange single connection facility

Waveguide Outside Width:

Between 0.699 inches and 0.705 inches

Thread Size:

0.138 inches first flange single connection facility

Waveguide Inside Width:

Between 0.620 inches and 0.624 inches

Waveguide Inside Height:

Between 0.309 inches and 0.313 inches

Waveguide Outside Height:

Between 0.388 inches and 0.394 inches

Waveguide Longer Offset Distance:

8.500 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange single connection facility

Flange Style:

Choke type first flange

Waveguide Offset Distance:

3.000 inches

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Precious Material And Location:

Flange and tubing surfaces silver

Precious Material:

Silver

Surface Treatment:

Silver all tubing segment inside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc first flange single connection facility

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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