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Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b first flange all connection facilities

Thread Direction:

Right-hand first flange all connection facilities

Bend Angle In Deg:

90.0 single bend e-plane

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

2.002 inches second flange and 2.005 inches second flange

Flange Inside Height:

1.002 inches second flange and 1.005 inches second flange

Flange Outside Diameter:

3.610 inches second flange and 3.640 inches second flange

Flange Depth:

0.923 inches first flange and 0.953 inches first flange

Flange Connecting Hole Diameter:

0.199 inches second flange all connection facilities and 0.203 inches second flange all connection facilities

Thread Qty Per Inch (tpi):

32 first flange all connection facilities

Waveguide Outside Width:

Between 1.995 inches and 2.005 inches

Thread Size:

0.190 inches first flange all connection facilities

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

Waveguide Longer Offset Distance:

7.000 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

7.000 inches

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all tubing segment and flange

Surface Treatment:

Any acceptable single tubing segment all surfaces

Style Designator:

Bend type

Thread Series Designator:

Unf first flange all connection facilities

Specification Data:

81349-mil-w-3970/7 government specification

Fsc Application Data:

Antennas, waveguides, and related equipment

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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