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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 all bends e-plane

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

3

Flange Inside Width:

1.867 inches second flange and 1.877 inches second flange

Flange Inside Height:

0.867 inches third flange and 0.877 inches third flange

Flange Outside Width:

5.016 inches second flange and 5.047 inches second flange

Flange Outside Height:

2.016 inches second flange and 2.047 inches second flange

Flange Outside Diameter:

3.609 inches third flange and 3.641 inches third flange

Flange Depth:

0.875 inches first flange

Flange Connecting Hole Diameter:

0.201 inches third flange single connection facility and 0.206 inches third flange single connection facility

Maximum Operating Pressure:

40.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.995 inches and 2.005 inches

Thread Size:

0.190 inches second flange single connection facility

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 third flange single connection facility

Flange Style:

Cover type third flange

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy 356.0 all tubing segment and flange

Surface Treatment:

Primer all tubing segment and flange outside surfaces

Thread Series Designator:

Unc second 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

Fig:

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