

View Online at <https://aerobasegroup.com/nsn/5985-01-097-2311>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Bend Angle In Deg:

90.0 single bend e-plane

End Application:

5840-01-046-7622, electronic warfare training set, an/mst-t1

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

1.503 inches all flanges and 1.506 inches all flanges

Flange Inside Height:

0.753 inches all flanges and 0.756 inches all flanges

Flange Outside Diameter:

3.110 inches all flanges and 3.140 inches all flanges

Flange Depth:

0.360 inches all flanges and 0.390 inches all flanges

Flange Connecting Hole Diameter:

0.199 inches all flanges all connection facilities and 0.203 inches all flanges all connection facilities

Maximum Operating Pressure:

20.0 pounds per square inch gage

Waveguide Outside Width:

Between 1.494 inches and 1.504 inches

Waveguide Inside Width:

Between 1.368 inches and 1.376 inches

Waveguide Inside Height:

Between 0.618 inches and 0.626 inches

Waveguide Outside Height:

Between 0.746 inches and 0.754 inches

Waveguide Longer Offset Distance:

Between 3.220 inches and 3.280 inches

Flange Connecting Facility And Quantity:

6 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Offset Distance:

Between 1.970 inches and 2.030 inches

Special Features:

Includes 4in diameter nutplate w/4 0.25in diameter holes with waveguide running through it

Flexibility:

Rigid single tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Style Designator:

Bend type

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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