

View Online at <https://aerobasegroup.com/nsn/5985-00-543-0094>

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:

1.003 inches second flange

Flange Inside Height:

0.505 inches second flange

Flange Outside Width:

1.625 inches second flange

Flange Outside Height:

1.625 inches first flange

Flange Depth:

0.438 inches second flange

Flange Connecting Hole Diameter:

0.169 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.05

Thready Qty Per Inch (tpi):

32 first flange all connection facilities

Maximum Operating Pressure:

30.0 pounds per square inch gage

Waveguide Outside Width:

1.000 inches

Thread Size:

0.164 inches first flange all connection facilities

Waveguide Inside Width:

0.900 inches

Waveguide Inside Height:

0.400 inches

Waveguide Outside Height:

0.500 inches

Waveguide Longer Offset Distance:

3.562 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole second flange all connection facilities

Flange Style:

Cover type second flange

Waveguide Offset Distance:

3.562 inches

Flexibility:

Rigid single tubing segment

Material:

Copper alloy all flange

Surface Treatment:

Any acceptable all flange outside surfaces

Style Designator:

Bend type

Thread Series Designator:

Unc first flange all connection facilities

Specification Data:

81349-mil-w-3970/7 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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