AeroBase Group

View Online at https://aerobasegroup.com/nsn/5985-01-318-7867

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 h-plane

End Application:

Radio terminal set an/trc-170

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.867 inches first flange and 1.877 inches first flange

Flange Inside Height:

0.867 inches first flange and 0.877 inches first flange

Flange Outside Diameter:

3.610 inches first flange and 3.640 inches first flange

Flange Depth:

0.922 inches first flange and 0.953 inches first flange

Voltage Standing Wave Ratio:

1.05

Maximum Operating Pressure:

15.0 pounds per square inch gage

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:

4.750 inches

Flange Connecting Facility And Quantity:

8 threaded hole first flange all connection facilities

Flange Style:

Choke type first flange

Waveguide Offset Distance:

2.200 inches

Special Features:

W/waveguide bend

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy first tubing jacket

Surface Treatment:

Anodize all tubing segment all surfaces

Style Designator:

Elbow type

Supplementary Features:

4.4 to 5.0 ghz elec rqmt range; power levels up to 3 kw

Thread Series Designator:

Unf first flange all connection facilities

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A073a0