

View Online at <https://aerobasegroup.com/nsn/5985-01-108-3636>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange single connection facility

**Thread Direction:**

Right-hand first flange single connection facility

**Bend Angle In Deg:**

90.0 third bend h-plane

**End Application:**

5840-01-046-7622, radar group, an/mst-t1

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.253 inches second flange

**Flange Inside Height:**

0.628 inches second flange

**Flange Outside Width:**

1.875 inches second flange

**Flange Outside Height:**

1.875 inches second flange

**Flange Inside Diameter:**

1.625 inches first flange

**Flange Depth:**

0.625 inches first flange

**Flange Connecting Hole Diameter:**

0.169 inches second flange single connection facility

**Maximum Operating Pressure:**

20.0 pounds per square inch gage

**Waveguide Outside Width:**

1.250 inches

**Thread Size:**

0.164 inches first flange single connection facility

**Waveguide Inside Width:**

1.122 inches

**Waveguide Inside Height:**

0.497 inches

**Waveguide Outside Height:**

0.625 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange single connection facility

**Waveguide First Leg Length:**

2.030 inches

**Flange Style:**

Cover type second flange

**Waveguide Second Leg Length:**

3.120 inches

**Waveguide Third Leg Length:**

4.500 inches

**Waveguide Fourth Leg Length:**

1.900 inches

**Special Features:**

First leg is 2.030 in. Lg with e-plane 90 degree bend, 3.120 in. Lg; 4.500 in. Lg leg has h-plane 90 degree bend, 1.900 in. Lg

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 single tubing segment and flange

**Style Designator:**

Three bend type

**Thread Series Designator:**

Unc first flange single connection facility

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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