

View Online at <https://aerobasegroup.com/nsn/5985-01-106-9973>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2a first flange single connection facility

**Thread Direction:**

Right-hand first flange single connection facility

**Bend Angle In Deg:**

90.0 third bend e-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:**

1.872 inches second flange

**Flange Inside Height:**

0.872 inches second flange

**Flange Outside Width:**

3.500 inches second flange

**Flange Outside Height:**

2.500 inches second flange

**Flange Outside Diameter:**

3.625 inches first flange

**Flange Depth:**

0.938 inches first flange

**Flange Connecting Hole Diameter:**

0.257 inches second flange single connection facility

**Maximum Operating Pressure:**

20.0 pounds per square inch gage

**Waveguide Outside Width:**

2.000 inches

**Thread Size:**

0.190 inches first flange single connection facility

**Waveguide Inside Width:**

1.872 inches

**Waveguide Inside Height:**

0.872 inches

**Waveguide Outside Height:**

1.000 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange single connection facility

**Waveguide First Leg Length:**

5.100 inches

**Flange Style:**

Contact type second flange

**Waveguide Second Leg Length:**

11.000 inches

**Waveguide Third Leg Length:**

7.500 inches

**Waveguide Fourth Leg Length:**

6.700 inches

**Special Features:**

One 90 degree h-plane bend 2.340 in. Lg

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 1100 single tubing segment and flange

**Style Designator:**

Three bend type

**Thread Series Designator:**

Unf first flange single connection facility

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0