

View Online at <https://aerobasegroup.com/nsn/5985-01-097-0366>

**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 single bend e-plane

**End Application:**

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

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

0.706 inches second flange

**Flange Inside Height:**

0.395 inches second flange

**Flange Outside Width:**

1.313 inches second flange

**Flange Outside Height:**

1.312 inches first flange

**Flange Inside Diameter:**

1.000 inches first flange

**Flange Depth:**

0.375 inches first flange

**Flange Connecting Hole Diameter:**

0.144 inches second flange single connection facility

**Maximum Operating Pressure:**

20.0 pounds per square inch gage

**Waveguide Outside Width:**

0.702 inches

**Thread Size:**

0.138 inches first flange single connection facility

**Waveguide Inside Width:**

0.622 inches

**Waveguide Inside Height:**

0.311 inches

**Waveguide Outside Height:**

0.391 inches

**Waveguide Longer Offset Distance:**

1.350 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole second flange single connection facility

**Flange Style:**

Cover type second flange

**Waveguide Offset Distance:**

1.250 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Style Designator:**

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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