

View Online at <https://aerobasegroup.com/nsn/5985-01-503-1523>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**End Application:**

Next assembly 43140-00341-1 used on an/spn-35c; wsd: radar and iff system

**Tubing Wall Construction Style:**

Seamless all tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.252 inches all flanges and 1.258 inches all flanges

**Flange Inside Height:**

0.627 inches all flanges and 0.633 inches all flanges

**Flange Outside Width:**

1.860 inches all flanges and 1.890 inches all flanges

**Flange Outside Height:**

1.860 inches all flanges and 1.890 inches all flanges

**Flange Depth:**

0.423 inches all flanges and 0.453 inches all flanges

**Flange Connecting Hole Diameter:**

0.169 inches all flanges all connection facilities and 0.172 inches all flanges all connection facilities

**Waveguide Outside Width:**

1.125 inches

**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 all flanges all connection facilities

**Flange Style:**

Cover type all flanges

**Waveguide Center To Center Distance:**

3.260 inches

**Waveguide Height:**

3.000 inches

**Specified Frequency:**

Between 7.05 gigahertz and 10.00 gigahertz

**Special Features:**

Short leg is 2.20 inches, long leg is 3.00 inches

**Flexibility:**

Rigid all tubing segment

**Material:**

Aluminum alloy 6061 all tubing segment and flange

**Style Designator:**

Double bend type

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0