

View Online at <https://aerobasegroup.com/nsn/5985-01-099-5959>

**Cross Sectional Shape:**

Internal, rectangular external, rectangular

**Thread Class:**

2b first flange single connection facility

**Thread Direction:**

Right-hand first flange single connection facility

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

2

**Flange Inside Width:**

1.368 inches second flange and 1.376 inches second flange

**Flange Inside Height:**

0.618 inches second flange and 0.626 inches second flange

**Flange Outside Width:**

2.670 inches second flange and 2.710 inches second flange

**Flange Outside Height:**

1.920 inches second flange and 1.960 inches second flange

**Flange Outside Diameter:**

3.110 inches first flange and 3.140 inches first flange

**Flange Depth:**

0.735 inches first flange and 0.765 inches first flange

**Flange Connecting Hole Diameter:**

0.192 inches second flange single connection facility and 0.200 inches second flange single connection facility

**Voltage Standing Wave Ratio:**

1.10

**Maximum Operating Pressure:**

10.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 1.496 inches and 1.504 inches

**Thread Size:**

0.190 inches first flange single connection facility

**Waveguide Inside Width:**

Between 1.368 inches and 1.376 inches

**Waveguide Inside Height:**

Between 0.618 inches and 0.626 inches

**Waveguide Outside Height:**

Between 0.746 inches and 0.754 inches

**Flange Connecting Facility And Quantity:**

8 unthreaded hole second flange single connection facility

**Flange Style:**

Contact type second flange

**Waveguide Length:**

Between 18.100 inches and 18.140 inches

**Waveguide Center To Center Distance:**

Between 2.730 inches and 2.770 inches

**Flexibility:**

Rigid single tubing segment

**Material:**

Copper alloy all tubing segment and flange

**Surface Treatment:**

Paint all tubing segment and flange outside surfaces

**Style Designator:**

Offset bend type

**Thread Series Designator:**

Unf first flange single connection facility

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A073a0