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**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular double indented

**Thread Class:**

2b single flange second connection facility

**Thread Direction:**

Right-hand single flange second connection facility

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

1.194 inches single flange and 1.200 inches single flange

**Flange Inside Height:**

0.610 inches single flange and 0.616 inches single flange

**Flange Outside Width:**

1.954 inches single flange and 1.984 inches single flange

**Flange Outside Height:**

1.376 inches single flange and 1.406 inches single flange

**Flange Depth:**

0.235 inches single flange and 0.265 inches single flange

**Flange Connecting Hole Diameter:**

0.142 inches single flange first connection facility and 0.148 inches single flange first connection facility

**Adapter Length:**

1.750 inches

**Adapter Height:**

1.391 inches

**Waveguide Outside Width:**

Between 1.187 inches and 1.193 inches

**Thread Size:**

0.138 inches single flange second connection facility

**Waveguide Inside Width:**

Between 1.087 inches and 1.093 inches

**Waveguide Inside Height:**

Between 0.503 inches and 0.509 inches

**Waveguide Outside Height:**

Between 0.603 inches and 0.609 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole single flange first connection facility

**Flange Style:**

Contact, double ridge type single flange

**Adapterheight:**

1.846 inches

**Adapterwidth:**

Between 1.954 inches and 1.984 inches

**Material:**

Aluminum alloy all tubing segment and flange

**Style Designator:**

Waveguide to coaxial

**Thread Series Designator:**

Unc single flange second connection facility

**Specification Data:**

81349-mil-a-22641/23 government specification

**Fsc Application Data:**

Antennas, waveguides, and related equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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