

View Online at <https://aerobasegroup.com/nsn/5985-01-201-6358>

**Unable To Decode:**

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:**

0.688 inches single flange and 0.694 inches single flange

**Flange Inside Height:**

0.318 inches single flange and 0.324 inches single flange

**Flange Outside Width:**

1.360 inches single flange and 1.390 inches single flange

**Flange Outside Height:**

1.360 inches single flange and 1.390 inches single flange

**Flange Depth:**

0.590 inches single flange and 0.600 inches single flange

**Flange Connecting Hole Diameter:**

0.143 inches single flange first connection facility

**Voltage Standing Wave Ratio:**

1.30

**Insertion Loss In Decibels:**

0.30

**Coaxial Connector Series Designation:**

Sma

**Connector End Design:**

Female

**Adapter Length:**

Between 1.845 inches and 1.925 inches

**Adapter Height:**

Between 1.360 inches and 1.390 inches

**Thread Qty Per Inch (tpi):**

40 single flange second connection facility

**Maximum Operating Pressure:**

30.0 pounds per square inch gage

**Waveguide Outside Width:**

Between 0.788 inches and 0.794 inches

**Thread Size:**

0.112 inches single flange second connection facility

**Waveguide Inside Width:**

Between 0.688 inches and 0.694 inches

**Waveguide Inside Height:**

Between 0.318 inches and 0.324 inches

**Waveguide Outside Height:**

Between 0.418 inches and 0.424 inches

**Flange Connecting Facility And Quantity:**

4 unthreaded hole single flange first connection facility

**Flange Style:**

Contact, double ridge type single flange

**Adapterheight:**

Between 1.388 inches and 1.403 inches

**Adapterwidth:**

Between 1.360 inches and 1.390 inches

**Special Features:**

Frequency range 7. To 15.0 ghz; power 2 w

**Material:**

Aluminum alloy all tubing segment and flange

**Surface Treatment:**

Chromate all tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to coaxial

**Thread Series Designator:**

Unc single flange second connection facility

**Fsc Application Data:**

Antennas, waveguides, and related equipment

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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