

View Online at <https://aerobasegroup.com/nsn/5985-01-418-9677>

**Cross Sectional Shape:**

Internal, rectangular double ridged external, rectangular

**Thread Class:**

2b single flange third connection facility

**Thread Direction:**

Right-hand single flange third connection facility

**Tubing Wall Construction Style:**

Seamless single tubing segment

**Flange Quantity:**

1

**Flange Inside Width:**

0.717 inches single flange and 0.723 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 1.400 inches single flange

**Flange Outside Height:**

1.360 inches single flange and 1.400 inches single flange

**Flange Depth:**

0.230 inches single flange and 0.270 inches single flange

**Flange Connecting Hole Diameter:**

0.0960 inches single flange first connection facility and 0.0980 inches single flange first connection facility

**Voltage Standing Wave Ratio:**

1.30

**Insertion Loss In Decibels:**

0.06

**Connector End Design:**

Female

**Adapter Length:**

Between 1.910 inches and 2.000 inches

**Adapter Height:**

Between 1.360 inches and 1.400 inches

**Waveguide Outside Width:**

Between 0.817 inches and 0.823 inches

**Thread Size:**

0.138 inches single flange third connection facility

**Waveguide Inside Width:**

Between 0.717 inches and 0.723 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 threaded hole single flange third connection facility

**Flange Style:**

Contact, double ridge type single flange

**Adapterheight:**

1.9795 inches

**Adapterwidth:**

Between 1.360 inches and 1.400 inches

**Material:**

Aluminum alloy 6061 single tubing segment and flange

**Precious Material And Location:**

Contact center conductor surfaces gold

**Precious Material:**

Gold

**Surface Treatment:**

Paint single tubing segment and flange outside surfaces

**Style Designator:**

Waveguide to coaxial

**Thread Series Designator:**

Unc single flange third connection facility

**Specification Data:**

98750-8949416 manufacturers specification control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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