

View Online at <https://aerobasegroup.com/nsn/5985-01-111-9252>

**Application Design:**

Transmission line

**Body Style:**

Cylindrical w/side terminals

**Overall Length:**

Between 4.063 inches and 4.188 inches

**Center To Center Distance Between Mounting Facilities Parallel To Length:**

Between 1.995 inches and 2.005 inches

**Center To Center Distance Between Mounting Facilities Parallel To Width:**

Between 1.870 inches and 1.880 inches

**Overall Width:**

Between 4.569 inches and 4.631 inches

**Body Diameter:**

Between 2.938 inches and 3.063 inches

**Shaft Diameter:**

0.250 inches

**Body Length:**

3.125 inches

**Voltage Standing Wave Ratio:**

1.50

**Coaxial Connector Series Designation:**

Sma

**Power Rating:**

2.0 watts average

**Mounting Facility Screw Thread Series Designator:**

Unc

**Insertion Loss At Minimum Attenuation In Maximum Decibels:**

0.5

**Overall Attenuation Range In Decibels:**

+0.0/+70.0

**Attenuation Variation Method:**

Stepped

**Step Position Quantity:**

70

**Attenuation Per Step In Decibels:**

1.0

**Mounting Facility Type And Quantity:**

4 threaded hole

**Frequency Range:**

Between 7.250 gigahertz and 7.750 gigahertz

**Overall Attenuation Accuracy In Decibels:**

-1.00/+1.00

**Mounting Thread Quantity:**

32 per inch

**Adjustment Device Type And Quantity:**

1 shaft

**Mounting Facility Pattern:**

Four position rectangular

**Shaft Type:**

Round, flatted

**Mounting Facility Screw Thread Diameter:**

0.164 inches

**Impedance Rating In Ohms:**

50.0 input-output

**Terminal Type And Quantity:**

1 pin and 2 connector, coaxial, female

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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