

View Online at <https://aerobasegroup.com/nsn/5915-01-193-5153>

**Overall Length:**

2.200 inches

**Body Length:**

1.450 inches

**Body Width:**

1.450 inches

**Body Height:**

1.450 inches

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Length:**

1.130 inches

**Vibration Resistance Range In Hertz:**

+10.0/+500.0

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

1.130 inches

**Operating Temperature Range:**

-0.0/+75.0 degrees celsius

**Reference Frequency Per Function:**

6.0 gigahertz blank

**Source Impedance Rating Per Function:**

50.0 ohms blank

**Load Impedance Per Function:**

50.0 ohms blank

**Input Terminal Manufacturer Code:**

17903

**Input Terminal Identification:**

Sma-plug

**Output Terminal Manufacturer Code:**

17903

**Output Terminal Identification:**

Sma-plug

**Voltage Standing Wave Ratio Per Function:**

2.1 blank

**Mounting Facility Screw Thread Series Designator:**

Unc

**Inclosure Type:**

Hermetically sealed

**Mounting Facility Type And Quantity:**

4 threaded hole

**Features Provided:**

Tunable

**Insertion Loss At Reference Frequency Per Function In Decibels:**

4.0 blank

**Functional Terminal Type And Quantity:**

1 connector, receptacle output 2nd function

**Specified Frequencies Of Discrimination Per Function:**

3.95 gigahertz blank and 5.9725 gigahertz blank and 6.0275 gigahertz blank and 8.05 gigahertz blank

**Thread Size:**

0.138 inches

**Body Material:**

Metal

**Frequency Band Width Per Function:**

5.9725 gigahertz blank and 6.0275 gigahertz blank

**Discrimination At Specificationified Frequencies Per Function In Decibels:**

3.0 blank and 70.0 blank

**Voltage Standing Wave Ratio Frequency Limits Per Function:**

5.9725 gigahertz blank and 6.0275 gigahertz blank

**Frequency Tuning Method:**

Yttrium-iron garnet crystal

**Tunable Frequency Range:**

Between 3.95 gigahertz and 8.05 gigahertz

**Unpackaged Unit Weight:**

9.000 ounces

**Style Designator:**

Rectangular terminal/terminals on opposite surfaces

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A047b0