

View Online at <https://aerobasegroup.com/nsn/5915-00-124-5108>

**Overall Length:**

Between 7.075 inches and 7.085 inches

**Overall Height:**

Between 1.870 inches and 1.880 inches

**Overall Width:**

Between 1.870 inches and 1.880 inches

**Inside Width:**

Between 1.240 inches and 1.260 inches

**Operating Temperature Range:**

+7.0 to 37.8 degrees celsius

**Inside Height:**

Between 0.610 inches and 0.630 inches

**Average Life Rating In Hours:**

11000000.0

**Reference Frequency Per Function:**

8.15 gigahertz blank

**Source Impedance Rating Per Function:**

50.0 ohms blank

**Load Impedance Per Function:**

50.0 ohms blank

**Principal Circuitry Type Per Function:**

Waveguide blank

**Input Terminal Manufacturer Code:**

31196

**Input Terminal Identification:**

Sma-receptacle

**Output Terminal Manufacturer Code:**

31196

**Output Terminal Identification:**

Sma-receptacle

**Voltage Standing Wave Ratio Per Function:**

1.35 blank

**Inclosure Type:**

Encased

**Mounting Facility Type And Quantity:**

2 terminal

**Features Provided:**

Shock resistant

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

1.0 blank

**Functional Terminal Type And Quantity:**

1 rectangular flange output 2nd function

**Specified Frequencies Of Discrimination Per Function:**

7.70 gigahertz blank and 7.88 gigahertz blank and 8.42 gigahertz blank and 8.60 gigahertz blank

**Body Material:**

Metal

**Frequency Band Width Per Function:**

7.88 gigahertz blank and 8.42 gigahertz blank

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

31.0 blank and 1.0 blank and 1.0 blank and 31.0 blank

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

7.88 gigahertz blank and 8.42 gigahertz blank

**Body Surface Treatment:**

Silver

**Unpackaged Unit Weight:**

2.000 pounds

**Precious Material And Location:**

Tuning screw surfaces gold and body surfaces silver

**Precious Material:**

Gold and silver

**Style Designator:**

Rectangular terminal/terminals on opposite surfaces

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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