

View Online at <https://aerobasegroup.com/nsn/5915-00-124-4715>

**Overall Length:**

Between 1.670 inches and 1.690 inches

**Overall Height:**

1.255 inches

**Overall Width:**

Between 8.125 inches and 8.157 inches

**Body Length:**

Between 0.870 inches and 0.880 inches

**Body Width:**

Between 7.380 inches and 7.400 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.227 inches and 0.233 inches

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

Between 1.307 inches and 1.317 inches

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

Between 4.181 inches and 4.191 inches

**Operating Temperature Range:**

+7.0/+37.8 degrees celsius

**Average Life Rating In Hours:**

11000000.0

**Reference Frequency Per Function:**

7.625 gigahertz blank

**Source Impedance Rating Per Function:**

50.0 ohms blank

**Load Impedance Per Function:**

50.0 ohms blank

**Principal Circuitry Type Per Function:**

Inductance-capacitance 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:**

1.0 blank

**Inclosure Type:**

Encased

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Features Provided:**

Mounting bracket and shock resistant

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

1.0 blank

**Functional Terminal Type And Quantity:**

1 connector, receptacle output 2nd function

**Specified Frequencies Of Discrimination Per Function:**

7.40 gigahertz blank and 7.475 gigahertz blank and 7.775 gigahertz blank and 7.85 gigahertz blank

**Body Material:**

Metal

**Frequency Band Width Per Function:**

7.475 gigahertz blank and 7.775 gigahertz blank

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

40.0 blank and 1.0 blank and 1.0 blank and 40.0 blank

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

7.40 gigahertz blank and 7.475 gigahertz blank and 7.775 gigahertz blank and 7.85 gigahertz blank

**Special Features:**

Consists of nine tuning screws

**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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