

View Online at <https://aerobasegroup.com/nsn/5915-01-056-0999>

**Overall Length:**

Between 8.220 inches and 8.280 inches

**Inside Width:**

0.850 inches

**Vibration Resistance Range In Hertz:**

+15.0/+200.0

**Operating Temperature Range:**

-55.0/+85.0 degrees celsius

**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:**

80063

**Input Terminal Identification:**

Aug-137 b/u

**Output Terminal Manufacturer Code:**

80063

**Output Terminal Identification:**

Aug-138/u

**Voltage Standing Wave Ratio Per Function:**

1.2 blank

**Average Power Rating Per Function:**

2.7 kilowatts blank

**Inclosure Type:**

Hermetically sealed

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

0.2 blank

**Functional Terminal Type And Quantity:**

1 rectangular flange input 1st function 1 rectangular flange output 2nd function

**Specified Frequencies Of Discrimination Per Function:**

7.65 gigahertz blank and 7.90 gigahertz blank and 8.40 gigahertz blank and 8.65 gigahertz blank

**Body Material:**

Metal

**Frequency Band Width Per Function:**

7.90 gigahertz blank and 8.40 gigahertz blank

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

3.0 blank and 35.0 blank

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

7.9 gigahertz blank and 8.4 gigahertz blank

**Unpackaged Unit Weight:**

14.000 ounces

**Style Designator:**

Rectangular terminal/terminals on opposite surfaces

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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