

View Online at <https://aerobasegroup.com/nsn/5915-01-242-6793>

**Overall Length:**

5.100 inches

**Body Length:**

6.880 inches

**Body Width:**

2.000 inches

**Body Height:**

5.000 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.198 inches and 0.204 inches

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

6.000 inches

**Vibration Resistance Range In Hertz:**

+100.0/+500.0

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

4.000 inches

**Operating Temperature Range:**

+0.0/+63.0 degrees celsius

**Average Life Rating In Hours:**

13300.0

**End Application:**

Qcountermeasures set, Spruance class dd (963), arleigh burke class ddg, wasp class lhd, forrestal class cv, forrestal class cv, nimitz class cvn, tarawa class lha, countermeasure set, an/slq-32, oliver perry class ffg

**Reference Frequency Per Function:**

53.5 megahertz 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:**

49956

**Input Terminal Identification:**

Sma-receptacle

**Output Terminal Manufacturer Code:**

49956

**Output Terminal Identification:**

Sma-rceptacle

**Voltage Standing Wave Ratio Per Function:**

2.5 blank

**Inclosure Type:**

Encased

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Features Provided:**

Tunable

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

2.5 blank

**Functional Terminal Type And Quantity:**

1 connector, receptacle output 2nd function

**Specified Frequencies Of Discrimination Per Function:**

46.50 megahertz blank and 50.00 megahertz blank and 57.00 megahertz blank and 60.50 megahertz blank

**Body Material:**

Metal

**Frequency Band Width Per Function:**

50.00 megahertz blank and 57.00 megahertz blank

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

3.0 blank and 35.0 blank

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

50.0 megahertz blank and 57.0 megahertz blank

**Criticality Code Justification:**

Feat

**Frequency Tuning Method:**

Digital

**Tunable Frequency Range:**

Between 51.0 megahertz and 56.0 megahertz

**Special Features:**

One thirty-seven pin connector for yig tuned, band suppression, rf filter, providing two, independently tuned, suppreion bands and containing an integral 12-bit binary decoder and driver for each notch. Weapon system essential

**Unpackaged Unit Weight:**

5.500 pounds

**Style Designator:**

Tuneable

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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