

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:

A047b0