

View Online at <https://aerobasegroup.com/nsn/5915-01-339-6647>

**Overall Length:**

5.700 inches

**Overall Height:**

2.700 inches

**Body Length:**

5.000 inches

**Body Width:**

4.620 inches

**Body Height:**

2.000 inches

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

4.320 inches

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

2.750 inches

**Operating Temperature Range:**

-28.0/+85.0 degrees celsius

**Average Life Rating In Hours:**

1000.0

**End Application:**

Tactical air operations module an/tyq-2 (v) 1

**Source Impedance Rating Per Function:**

50.0 ohms 1st radio interference50.0 ohms 2nd radio interference50.0 ohms 3rd radio interference50.0 ohms 4th radio interference50.0 ohms 5th radio interference50.0 ohms 6th radio interference

**Load Impedance Per Function:**

50.0 ohms 1st radio interference50.0 ohms 2nd radio interference50.0 ohms 3rd radio interference50.0 ohms 4th radio interference50.0 ohms 5th radio interference50.0 ohms 6th radio interference

**Power Line Frequency Rating Per Function In Hertz:**

60.0 1st radio interference60.0 2nd radio interference60.0 3rd radio interference60.0 4th radio interference60.0 5th radio interference60.0 6th radio interference

**Operating Current Rating Per Function In Amps:**

0.1 1st radio interference0.1 2nd radio interference0.1 3rd radio interference0.1 4th radio interference1.0 5th radio interference1.0 6th radio interference

**Maximum Voltage Drop Per Function:**

0.5 volts ac 1st radio interference and 0.05 volts dc 1st radio interference0.5 volts ac 2nd radio interference and 0.05 volts dc 2nd radio interference0.5 volts ac 3rd radio interference and 0.05 volts dc 3rd radio interference0.5 volts ac 4th radio interference and 0.05 volts dc 4th radio interference0.5 volts ac 5th radio interference and 0.1 volts dc 5th radio interference0.5 volts ac 6th radio interference and 0.1 volts dc 6th radio interference

**Principal Circuitry Type Per Function:**

Inductance-capacitance 1st radio interference inductance-capacitance 2nd radio interference inductance-capacitance 3rd radio interference inductance-capacitance 4th radio interference inductance-capacitance 5th radio interference inductance-capacitance 6th radio interference

**Input Terminal Manufacturer Code:**

13973

**Input Terminal Identification:**

Bnc-connector

**Output Terminal Manufacturer Code:**

**Full Load Insertion Loss Frequencies In Megahertz:**

0.0 and 0.1 and 1.0 and 10.0 and 100.0 and 1000.0

**Full Load Minimum Insertion Loss At Specificationified Frequency In Decibels:**

3.0 and 10.0 and 40.0 and 60.0 and 70.0 and 90.0

**Mounting Facility Screw Thread Series Designator:**

Unf

**Inclosure Type:**

Hermetically sealed

**Mounting Facility Type And Quantity:**

4 threaded hole

**Features Provided:**

Moisture resistant and shock resistant

**Functional Terminal Type And Quantity:**

2 connector, plug input 1st function3 connector, receptacle output 2nd function

**Maximum Dielectric Withstanding Ac Rms Voltage:**

125.0 volts at sea level

**Operating Voltage Rating And Type Per Function:**

50.0 volts ac 1st radio interference 1st function and 50.0 volts dc 1st radio interference 1st function50.0 volts ac 2nd radio interference 2nd function and 50.0 volts dc 2nd radio interference 2nd function50.0 volts ac 3rd radio interference 3rd function and 50.0 volts dc 3rd radio interference 3rd function50.0 volts ac 4th radio interference 4th function and 50.0 volts dc 4th radio interference 4th function50.0 volts ac 5th radio interference 5th function and 50.0 volts dc 5th radio interference 5th function50.0 volts ac 6th radio interference 6th function and 50.0 volts dc 6th radio interference 6th function

**Thread Size:**

0.190 inches

**Body Material:**

Metal

**Maximum Dielectric Withstanding Dc Voltage:**

125.0 volts at sea level

**Body Surface Treatment:**

Tin

**Special Features:**

Twenty-two filtered functions

**Unpackaged Unit Weight:**

4.410 pounds

**Style Designator:**

Rectangular terminal/terminals on two surfaces

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A047b0