

View Online at <https://aerobasegroup.com/nsn/5915-00-656-6976>

**Overall Length:**

4.810 inches

**Body Length:**

2.600 inches

**Body Width:**

2.060 inches

**Body Height:**

2.560 inches

**Unthreaded Mounting Hole Diameter:**

Between 0.241 inches and 0.247 inches

**Vibration Resistance Range In Hertz:**

+10.0/+500.0

**Operating Temperature Range:**

-55.0/+85.0 degrees celsius

**Source Impedance Rating Per Function:**

50.0 ohms 4th radio interference

**Load Impedance Per Function:**

50.0 ohms 5th radio interference

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

400.0 6th radio interference

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

10.0 6th radio interference

**Maximum Voltage Drop Per Function:**

1.25 volts ac 6th radio interference and 4.0 volts dc 6th radio interference

**Principal Circuitry Type Per Function:**

Inductance-capacitance 6th radio interference

**Input Terminal Manufacturer Code:**

07639

**Input Terminal Identification:**

Ms3102a-24-25

**Maximum Temperature Rise:**

25.0 degrees celsius

**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 5.0 and 20.0 and 40.0 and 65.0 and 80.0

**Inclosure Type:**

Hermetically sealed

**Mounting Facility Type And Quantity:**

4 unthreaded hole

**Features Provided:**

Nut and washer

**Functional Terminal Type And Quantity:**

6 threaded stud output 2nd function

**Maximum Dielectric Withstanding Ac Rms Voltage:**

250.0 volts at sea level

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

125.0 volts ac 1st radio interference 1st function and 400.0 volts dc 1st radio interference 1st function

**Body Material:**

Metal

**Maximum Dielectric Withstanding Dc Voltage:**

800.0 volts at sea level

**Special Features:**

Six filtered functions

**Style Designator:**

Rectangular terminal/terminals on opposite surfaces

**Specification Data:**

07639-b8485 manufacturers source control

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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