

View Online at <https://aerobasegroup.com/nsn/5915-01-339-4139>

**Overall Height:**

0.430 inches

**Body Length:**

0.760 inches

**Body Width:**

0.460 inches

**Body Height:**

0.250 inches

**Vibration Resistance Range In Hertz:**

+10.0/+500.0

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

0.300 inches

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Reference Frequency Per Function:**

70.0 hercules no.5599.1 pulses per second  
70.0 hercules no.5599.1 two phase to two phase  
70.0 hercules no.5599.1 two phase to three phase  
70.0 hercules no.5599.1 hertz

**Source Impedance Rating Per Function:**

50.0 ohms 1st band pass  
50.0 ohms 2nd band pass  
50.0 ohms 3rd band pass  
50.0 ohms 4th band pass

**Load Impedance Per Function:**

50.0 ohms 1st band pass  
50.0 ohms 2nd band pass  
50.0 ohms 3rd band pass  
50.0 ohms 4th band pass

**Principal Circuitry Type Per Function:**

Inductance-capacitance 1st band pass 1st function  
inductance-capacitance 2nd band pass 2nd function  
inductance-capacitance 3rd band pass 3rd function  
inductance-capacitance 4th band pass 4th function

**Voltage Standing Wave Ratio Per Function:**

1.5 1st band pass  
1.5 2nd band pass  
1.5 3rd band pass  
1.5 4th band pass

**Inclosure Type:**

Hermetically sealed

**Mounting Facility Type And Quantity:**

16 terminal

**Features Provided:**

Moisture resistant and shock resistant

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

4.0 1st band pass  
4.0 2nd band pass  
4.0 3rd band pass  
4.0 4th band pass

**Functional Terminal Type And Quantity:**

4 pin input 1st function  
4 pin output 2nd function

**Specified Frequencies Of Discrimination Per Function:**

45.00 megahertz 1st band pass 1st function and 68.00 megahertz 1st band pass 1st function and 72.00 megahertz 1st band pass 1st function and 95.00 megahertz 1st band pass 1st function  
45.00 megahertz 2nd band pass 2nd function and 68.00 megahertz 2nd band pass 2nd function and 72.00 megahertz 2nd band pass 2nd function and 95.00 megahertz 2nd band pass 2nd function  
45.00 megahertz 3rd band pass 3rd function and 68.00 megahertz 3rd band pass 3rd function and 72.00 megahertz 3rd band pass 3rd function and 95.00 megahertz 3rd band pass 3rd function  
45.00 megahertz 4th band pass 4th function and 68.00 megahertz 4th band pass 4th function and 72.00 megahertz 4th band pass 4th function and 95.00 megahertz 4th band pass 4th function

**Body Material:**

Aluminum

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

68.0 hercules no.5599.1 pulses per second and 72.0 hercules no.5599.1 pulses per second  
68.0 hercules no.5599.1 two phase to two phase and 72.0 hercules no.5599.1 two phase to two phase  
68.0 hercules no.5599.1 two phase to three phase and 72.0 hercules no.5599.1 two phase to three phase  
68.0 hercules no.5599.1 hertz and 72.0 hercules no.5599.1 hertz

**Body Surface Treatment:**

Nickel

**Special Features:**

Four filtered functions, four unfiltered function

**Precious Material And Location:**

Contact surfaces gold

**Precious Material:**

Gold

**Style Designator:**

Rectangular terminal/terminals on one surface

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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