

View Online at <https://aerobasegroup.com/nsn/5955-00-557-7752>

**Overall Length:**

3.000 inches

**Overall Height:**

1.000 inches

**Overall Width:**

1.900 inches

**Environmental Protection:**

Salt spray resistant and shock resistant and vibration

**Shock Resistance Rating In Gravitational Units:**

15.0

**Operating Temperature Range:**

-5.0/+55.0 degrees celsius

**Average Life Measurement:**

Not rated

**Basic Shape Style:**

Rectangular or square

**Identification Designator:**

1800039p4-94117

**Inclosure Type:**

Encased

**Operating Control Method:**

Automatic

**Installation Design:**

Free-standing

**Control Type:**

Remote

**Circuit Construction Type:**

Solid state

**Frequency Shift:**

15.0 megahertz

**Frequency Per Channel:**

3.0 gigahertz input channel err-100 and 3.5 gigahertz input channel err-100

**Average Power Rating Per Channel:**

42.0 milliwatts output

**Signal Voltage Rating Per Channel:**

28.000 volts any acceptable

**Overall Gain:**

1.0 decibels

**Impedance Rating Per Channel:**

10.000 kilohms input channel err-100

**Pulse Duration Per Channel:**

2.000 microseconds input channel err-100

**Pulse Rise Time Per Channel:**

300.000 nanoseconds output channel err-100

**Pulse Decay Time Per Channel:**

50.000 nanoseconds input channel err-100 and 100.000 nanoseconds input channel err-100

**Pulse Repetition Rate Per Channel:**

2000.000 pulses per second input channel err-100 and 3000.000 pulses per second input channel err-100

**Pulse Peak Amplitude Per Channel:**

12.000 volts input channel err-100

**Pulse Modulation Type Per Channel:**

Amplitude input channel err-100

**Signal Data Type Per Channel:**

Output channel radio frequency err-100

**Output Wave Shape:**

Square

**Shock Pulse Duration Time:**

11.0 milliseconds

**Connection Type And Location:**

Receptacle, coaxial front and solder stud front

**Connection Contact Type And Quantity:**

1 receptacle, coaxial external and 3 solder stud external

**External Dc Operating Voltage In Volts:**

28.0 single voltage

**Special Features:**

Marked s 2 on front

**Special Test Features:**

Humidity, shock, vibration and corrosion tests per mil-std-202

**Fsc Application Data:**

Test set, elect. Equip.

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A32200