

View Online at <https://aerobasegroup.com/nsn/5961-01-177-4725>

**Inclosure Material:**

Metal

**Overall Length:**

0.290 inches

**Overall Height:**

0.490 inches

**Overall Width:**

0.160 inches

**Joint Electronic Device Engineering Council/jedec/case Outline Designation:**

To-89

**Component Name And Quantity:**

2 transistor

**Mounting Method:**

Press fit

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon all transistor

**Voltage Rating In Volts Per Characteristic:**

45.0 collector to base voltage, dc all transistor and 30.0 collector to emitter voltage, dc all transistor and 5.0 emitter to base voltage, dc all transistor

**Voltage Tolerance In Percent:**

-5.0/+5.0 all transistor

**Current Rating Per Characteristic:**

30.00 milliamperes source cutoff current all transistor

**Power Rating Per Characteristic:**

1.4 watts small-signal input power, common-collector preset all transistor

**Capacitance Rating In Picofarads:**

8.0 all transistor

**Transfer Ratio:**

1.0 static forward current transfer ratio, common-emitter all transistor

**Maximum Operating Temperature Per Measurement Point:**

200.0 degrees celsius ambient air

**Special Features:**

All transistor junction pattern arrangement: npn

**Terminal Type And Quantity:**

9 uninsulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A110a0