

View Online at <https://aerobasegroup.com/nsn/5962-01-544-1239>

**Body Length:**

Between 0.175 inches and 0.185 inches

**Body Width:**

Between 0.175 inches and 0.185 inches

**Body Height:**

Between 0.130 inches and 0.150 inches

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

C-17a aircraft

**Features Provided:**

Electrostatic sensitive and high precision and selected item

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Single-in-line

**Design Function And Quantity:**

1 reference, voltage, analog

**Current Rating Per Characteristic:**

10.00 milliamperes average forward current averaged over a full 60-hz cycle of standard range

**Product Name:**

Microcircuit plastic encapsulated voltage reference

**Voltage Rating And Type Per Characteristic:**

2.5 volts reference

**Special Features:**

Reverse current 20ma max, reference voltage tolerance 0.2%

**Supplementary Features:**

Pns It1009cz and It1009iz are subjected to extended temperature range testing at -55 to 125 degrees celcius iaw drw 356a1409 and 356a1407

**Terminal Type And Quantity:**

3 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0