

View Online at <https://aerobasegroup.com/nsn/5962-01-083-6307>

**Body Length:**

0.870 inches

**Body Width:**

Between 0.220 inches and 0.280 inches

**Body Height:**

0.185 inches

**Maximum Power Dissipation Rating:**

500.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Radar set, type an/apy-1

**Features Provided:**

High speed and bipolar and schottky and complementary outputs and hermetically sealed and hybrid and positive outputs

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Dual-in-line

**Input Circuit Pattern:**

3 input

**Design Function And Quantity:**

1 comparator, voltage, differential

**Terminal Surface Treatment:**

Gold or tin

**Time Rating Per Characteristic:**

12.00 nanoseconds propagation delay time, low to high level output and 12.00 nanoseconds propagation delay time, high to low level output

**Precious Material And Location:**

Terminal surface gold

**Precious Material:**

Gold

**Test Data Document:**

97942-581r709 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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