

View Online at <https://aerobasegroup.com/nsn/5962-01-351-6212>

**Overall Height:**

0.430 inches

**Body Length:**

1.895 inches

**Body Width:**

0.775 inches

**Body Height:**

0.180 inches

**Maximum Power Dissipation Rating:**

100.0 milliwatts

**Operating Temperature Range:**

+0.0/+70.0 degrees celsius

**Storage Temperature Range:**

-65.0/+135.0 degrees celsius

**End Application:**

Satellite communications terminal an/usc-3 (v) 1

**Features Provided:**

Monolithic and hybrid and w/automatic gain control and w/buffered output and 3-state output and programmable

**Inclosure Material:**

Metal

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

11 input

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 converter, resolver to digital and 1 converter, synchro to digital

**Current Rating Per Characteristic:**

20.00 milliamperes reverse current, dc absolute

**Terminal Surface Treatment:**

Gold

**Voltage Rating And Type Per Characteristic:**

6.5 volts power source

**Special Features:**

Nuclear hardness critical item

**Precious Material And Location:**

Terminal surfaces gold

**Precious Material:**

Gold

**Test Data Document:**

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

**Terminal Type And Quantity:**

36 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0