

View Online at <https://aerobasegroup.com/nsn/5962-01-372-3912>

**Body Length:**

Between 2.565 inches and 2.640 inches

**Body Width:**

Between 0.780 inches and 0.825 inches

**Body Height:**

Between 0.120 inches and 0.140 inches

**Maximum Power Dissipation Rating:**

4.1 watts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Milstar

**Features Provided:**

Electrostatic sensitive and radiation hardened and selected item and bipolar and hermetically sealed

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

21 input

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

1 microprocessor

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital, microprocessor; microcircuit, rescreened

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Special Features:**

Selected item made from 258-0136-010 cage 95105, rescreened per 995-9501-020 cage 95105, is pn 5962-8686301xx

**Nuclear Hardness Critical Feature:**

Hardened

**Special Test Features:**

Selected and tested for radiation hardness

**Test Data Document:**

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

**Terminal Type And Quantity:**

52 printed circuit

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0