

View Online at <https://aerobasegroup.com/nsn/5962-01-520-5163>

**Body Length:**

Between 0.337 inches and 0.344 inches

**Body Width:**

Between 0.150 inches and 0.157 inches

**Body Height:**

Between 0.059 inches and 0.065 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

**Inclosure Material:**

Plastic

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Criticality Code Justification:**

Cbbl

**Design Function And Quantity:**

4 gate, and

**Product Name:**

Microcircuit, digital plastic encapsulated, quadruple 2-input positive-and gates

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

10.00 nanoseconds propagation delay

**Special Test Features:**

Upscreening testing consisting of extended temperature range testing

**Test Data Document:**

89954-356a1407 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)

**Terminal Type And Quantity:**

14 gullwing

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0