

View Online at <https://aerobasegroup.com/nsn/5962-01-416-0409>

**Body Length:**

2.540 inches

**Body Width:**

2.540 inches

**Body Height:**

0.103 inches

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

F-16

**Features Provided:**

Bipolar and burn in, mil-std-883, class b and electrostatic sensitive and hermetically sealed and programmed and tested to mil-std-883

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leaded chip carrier

**Output Logic Form:**

Bipolar metal-oxide semiconductor

**Criticality Code Justification:**

Cbbl

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, asic, digital, symbol generator

**Voltage Rating And Type Per Characteristic:**

-0.5 volts input and 5.0 volts input and -0.5 volts power source and 6.0 volts power source

**Memory Device Type:**

Pal

**Special Features:**

112, 000 gate count; ti tbg1000 0.8 micron bi-cmos technology; four functions-bus interface, symbol generator, symbol occlusion and symbol scan conversion functions; max clock frequency is 40 mhz

**Test Data Document:**

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

**Terminal Type And Quantity:**

196 beam lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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