

View Online at <https://aerobasegroup.com/nsn/5962-01-299-3037>

**Body Length:**

Between 0.342 inches and 0.358 inches

**Body Width:**

Between 0.342 inches and 0.358 inches

**Body Height:**

Between 0.060 inches and 0.100 inches

**Maximum Power Dissipation Rating:**

22.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Aircraft, f-16; aircraft, stratolifter c-135; spruance class dd (963); an/sqq-89 surface ship, asw combat system; ticonderoga class cg (47); aircraft, b-2 bomber (atb); aircraft, hercules c-130; arleigh burke class ddg; oliver perry class ffg; aircraft, eagle f-15

**Features Provided:**

Hermetically sealed and burn in and low power and schottky and w/clock and w/clear and w/preset

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Leadless flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

Dual 5 input

**Design Function And Quantity:**

2 flip-flop, j-k

**Case Outline Source And Designator:**

C-2 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

-0.5 volts power source and 7.0 volts power source

**Time Rating Per Characteristic:**

18.00 nanoseconds propagation delay time, low to high level output and 20.00 nanoseconds propagation delay time, high to low level output

**Test Data Document:**

81349-mil-m-38510 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

20 j-hook

**Specification Data:**

81349-mil-m-38510/371 government specification

**Shelf Life:**

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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