

View Online at <https://aerobasegroup.com/nsn/5955-00-177-1638>

**Overall Length:**

1.223 inches

**Terminal Length:**

0.448 inches

**Overall Width:**

0.757 inches

**Body Length:**

0.775 inches

**Body Width:**

0.725 inches

**Body Thickness:**

0.317 inches

**Overall Thickness:**

0.352 inches

**Terminal Diameter:**

Between 0.091 inches and 0.095 inches

**Mode Of Oscillation:**

Fundamental

**Circuit Resonance:**

Antiresonance

**Load Capacitance In Picofarads:**

Between 12.5 and 13.5

**Specified Frequency:**

8.300 megahertz

**Holder Cover Material:**

Metal

**Operating Temperature Range:**

-40.0/+70.0 degrees celsius

**Center To Center Distance Between Terminals:**

Between 0.478 inches and 0.494 centimeters

**Drive Level Rating:**

Between 27.0 milliwatts and 33.0 milliwatts

**Frequency Tolerance For Operating Temperature In Percent:**

-0.005 to 0.005

**Equivalent Resistance Value In Ohms:**

50.0

**Style Designator:**

Oval body, pin terminals

**Test Data Document:**

81349-mil-c-3098 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.).

**Specification Data:**

81349-mil-c-3098/78 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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