

View Online at <https://aerobasegroup.com/nsn/5955-01-227-5188>

**Overall Length:**

0.530 inches

**Terminal Length:**

0.500 inches

**Overall Width:**

0.435 inches

**Body Width:**

0.402 inches

**Body Thickness:**

0.150 inches

**Overall Thickness:**

0.183 inches

**Terminal Diameter:**

Between 0.015 inches and 0.019 inches

**Mode Of Oscillation:**

Fifth overtone

**Circuit Resonance:**

Series resonance

**Shunt Capacitance In Picofarads:**

4.5

**Specified Frequency:**

82.500 megahertz

**Frequency Tolerance At Reference Temperature In Percent:**

-0.001/+0.001

**Frequency Stability In Percent:**

-0.00025/+0.00025

**Controlled Reference Temp:**

85.0 degrees celsius

**Operable Temperature Range:**

-55.0/+100.0 degrees celsius

**Holder Cover Material:**

Metal

**Operating Temperature Range:**

+80.0/+90.0 degrees celsius

**Center To Center Distance Between Terminals:**

0.184 mils and 0.200 centimeters

**Drive Level Rating:**

Between 1.6 milliwatts and 2.4 milliwatts

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

-0.001/+0.001

**Equivalent Resistance Value In Ohms:**

40.0

**Style Designator:**

Oval body, wire leads

**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-3098/100 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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