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**Overall Length:**

Between 0.998 inches and 1.023 inches

**Terminal Length:**

Between 0.223 inches and 0.248 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 0.048 inches and 0.052 inches

**Mode Of Oscillation:**

Fifth overtone

**Circuit Resonance:**

Series resonance

**Shunt Capacitance In Picofarads:**

7.0

**Specified Frequency:**

83.190 megahertz

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

-0.007/+0.007

**Frequency Stability In Percent:**

-0.00025/+0.00025

**Controlled Reference Temp:**

75.0 degrees celsius

**Operable Temperature Range:**

-55.0/+90.0 degrees celsius

**Holder Cover Material:**

Metal

**Operating Temperature Range:**

+70.0/+80.0 degrees celsius

**Center To Center Distance Between Terminals:**

0.478 mils and 0.494 centimeters

**Drive Level Rating:**

Between 0.8 milliwatts and 1.2 milliwatts

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

-0.001/+0.001

**Equivalent Resistance Value In Ohms:**

40.0

**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-3098/52 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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