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**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 0.016 inches and 0.019 inches

**Mode Of Oscillation:**

Fundamental

**Circuit Resonance:**

Antiresonance

**Load Capacitance In Picofarads:**

Between 30.0 and 29.5 and 30.5

**Shunt Capacitance In Picofarads:**

7.0

**Specified Frequency:**

8.499 megahertz

**Holder Cover Material:**

Metal

**Operating Temperature Range:**

-55.0 to 105.0 degrees celsius

**Center To Center Distance Between Terminals:**

Between 0.184 inches and 0.200 inches

**Drive Level Rating:**

Between 4.0 milliwatts and 6.0 milliwatts

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

-0.002 to 0.002 and -0.003 to 0.003

**Equivalent Resistance Value In Ohms:**

30.0

**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-3098/47 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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