

View Online at <https://aerobasegroup.com/nsn/5955-00-242-9921>

**Overall Length:**

0.800 inches

**Terminal Length:**

Between 0.192 inches and 0.217 inches

**Overall Width:**

0.750 inches

**Body Length:**

Between 0.565 inches and 0.583 inches

**Body Width:**

0.720 inches

**Body Thickness:**

0.315 inches

**Overall Thickness:**

0.345 inches

**Terminal Diameter:**

Between 0.048 inches and 0.052 inches

**Mode Of Oscillation:**

Fundamental

**Circuit Resonance:**

Antiresonance

**Load Capacitance In Picofarads:**

Between 27.5 and 28.5

**Specified Frequency:**

6.98542 megahertz

**Holder Cover Material:**

Metal

**Operating Temperature Range:**

+50.0/+85.0 degrees celsius

**Center To Center Distance Between Terminals:**

0.476 mils and 0.496 centimeters

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

-0.007/+0.007

**Equivalent Resistance Value In Ohms:**

50.0

**Style Designator:**

Oval body, pin terminals

**Test Data Document:**

81349-milc16836 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.).

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

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