

View Online at <https://aerobasegroup.com/nsn/5955-01-217-8628>

**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:**

Fundamental

**Circuit Resonance:**

Antiresonance

**Load Capacitance In Picofarads:**

Between 19.5 and 20.5

**Specified Frequency:**

491.520 megahertz

**Holder Cover Material:**

Metal or glass

**Operating Temperature Range:**

-40.0/+70.0 degrees celsius and -55.0/+90.0 degrees celsius

**Center To Center Distance Between Terminals:**

0.478 mils and 0.494 centimeters

**Drive Level Rating:**

Between 1.6 milliwatts and 2.4 milliwatts

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

-0.010/+0.010 and -0.015/+0.015

**Equivalent Resistance Value In Ohms:**

8500.0

**Style Designator:**

Square body

**Test Data Document:**

81349-mil-c-3098/62 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-3098/41 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fiig:**

A059a0