

View Online at <https://aerobasegroup.com/nsn/5990-01-054-4255>

**Body Material:**

Aluminum alloy

**Body Style:**

Standard round b

**Shoulder Diameter:**

1.3120 inches

**Pilot Diameter:**

0.8750 inches

**Overall Length:**

3.2170 inches

**Flange Diameter:**

1.4370 inches

**Flange Thickness:**

0.0930 inches

**Undercut Width:**

0.0780 inches

**Shaft Diameter:**

0.1872 inches single shaft

**Shaft Length:**

0.5000 inches single shaft

**Fragility Factor:**

Moderately rugged

**Body Size:**

15

**Rotor Input Voltage Rating In Volts:**

90.0

**Frequency In Hertz:**

400.0

**Rotor Input Current Rating:**

38.0 milliamperes

**Rotor Input Electrical Power Rating:**

500.0 milliwatts

**Zso Resistance In Ohms:**

Between 2050.00 and 2600.00

**Zrs Resistance In Ohms:**

Between 900.00 and 1200.00

**Zso-9 Designator Resistance In Ohms:**

Between 2050.00 and 2600.00

**Phase Shift Angle In Deg:**

9.000 input to output

**Maximum Fundamental Null Voltage In Millivolts Per Volt:**

60.00 input

**Maximum Total Null Voltage Output In Millivolts Per Volt:**

100.00

**Actuator Friction Torque At Minus 55 Deg Celsius:**

20.00 inch-ounces

**Pilot Length:**

0.0400 inches

**Shoulder Length:**

0.1320 inches

**Mounting Surface To Terminal End Distance:**

2.6770 inches

**Terminal Location:**

Rear

**Plus J Zso Reactance In Ohms:**

Between 77.00 and 83.00

**Shaft Type:**

Round single shaft

**Transformation Ratio:**

1.154 rotor to stator

**Test Data Document:**

81349-mils20708 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.).

**Terminal Type And Quantity:**

5 screw

**Specification Data:**

81349-mil-s-20708/22 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A07800