

View Online at <https://aerobasegroup.com/nsn/5990-00-254-4825>

Body Material:

Steel, stainless

Body Style:

Standard round b

Shoulder Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Diameter:

Between 0.8745 inches and 0.8750 inches

Overall Length:

Between 3.0430 inches and 3.0830 inches

Flange Diameter:

Between 1.4320 inches and 1.4370 inches

Flange Thickness:

0.0930 inches

Undercut Width:

0.0780 inches

Shaft Diameter:

0.1867 inches single shaft and 0.1872 inches single shaft

Shaft Length:

0.5450 inches single shaft and 0.5650 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

10.0 degrees celsius

Body Size:

15

Stator Input Voltage Rating In Volts:

90.0

Stator Input Current Rating:

13.0 milliamperes

Stator Input Electrical Power Rating:

210.0 milliwatts

Frequency In Hertz:

60.0

Zso Resistance In Ohms:

Between 6000.00 and 7500.00

Zrs Resistance In Ohms:

Between 1300.00 and 1650.00

Zso Impedance Magnitude In Ohms:

Between 78.00 and 82.00

Zrs Impedance Magnitude In Ohms:

Between 13.00 and 18.00

Phase Shift Angle In Deg:

9.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

45.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

65.00

Electrical Error Angular Range In Minutes:

-6.0/+6.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.05 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

0.05 inch-ounces

Pilot Length:

0.0400 inches

Shoulder Length:

0.1320 inches

Mounting Surface To Terminal End Distance:

2.3910 inches

Terminal Location:

Rear

Shaft Slot Depth:

0.0250 inches single shaft

Shaft Slot Width:

0.0200 inches single shaft

Shaft Type:

Round, slotted single shaft

Alignment Hole Depth:

0.1250 inches

Transformation Ratio:

0.735 rotor to stator

Alignment Hole Bolt Circle Diameter:

Between 1.0970 inches and 1.1030 inches

Test Data Document:

81349-mil-s-20708 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-20708/21 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Maximum Value

Fig:

A07800