

View Online at <https://aerobasegroup.com/nsn/5990-00-206-3753>

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Overall Length:

Between 2.3360 inches and 2.3760 inches

Flange Diameter:

Between 1.0570 inches and 1.0620 inches

Flange Thickness:

0.0930 inches

Undercut Diameter:

0.9750 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.1198 inches single shaft and 0.1200 inches single shaft

Shaft Length:

0.5460 inches single shaft and 0.5650 inches single shaft

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

20.0 degrees celsius

Securing Hole Quantity:

4

Body Size:

11

Rotor Input Voltage Rating In Volts:

115.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

31.0 milliamperes

Rotor Input Electrical Power Rating:

490.0 milliwatts

Zro Resistance In Ohms:

Between 3720.00 and 4700.00

Zss Resistance In Ohms:

Between 410.00 and 500.00

Zro Impedance Magnitude In Ohms:

Between 80.00 and 84.00

Zss Impedance Magnitude In Ohms:

Between 17.00 and 26.00

Phase Shift Angle In Deg:

4.500 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

45.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

75.00

Electrical Error Angular Range In Minutes:

-7.0/+7.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.07 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

0.07 inch-ounces

Pilot Length:

Between 0.0450 inches and 0.0650 inches

Shoulder Length:

Between 0.0590 inches and 0.0790 inches

Mounting Surface To Terminal End Distance:

Between 1.7910 inches and 1.8110 inches

Mounting Facility Screw Thread Series Designator:

Unc

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

Mounting Facility Screw Thread Diameter:

0.112 inches

Transformation Ratio:

0.783 rotor to stator

Alignment Hole Bolt Circle Diameter:

0.6250 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:

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800