

View Online at <https://aerobasegroup.com/nsn/5990-00-884-1743>

Body Material:

Steel, corrosion resisting

Body Style:

Standard round c

Shoulder Diameter:

Between 2.1345 inches and 2.1350 inches

Pilot Diameter:

Between 0.9370 inches and 0.9375 inches

Overall Length:

1.5710 inches

Flange Diameter:

Between 2.2970 inches and 2.3000 inches

Flange Thickness:

Between 0.0590 inches and 0.0650 inches

Undercut Diameter:

Between 2.2090 inches and 2.2150 inches

Undercut Width:

Between 0.0590 inches and 0.0650 inches

Shaft Diameter:

0.2492 inches single shaft and 0.2497 inches single shaft

Shaft Length:

0.5000 inches single shaft

Schematic Diagram Designator:

Err-090

Fragility Factor:

Moderately rugged

Maximum Temperature Rise:

45.0 degrees celsius

Body Size:

23

Stator Input Voltage Rating In Volts:

11.8

Stator Input Current Rating:

7.7 milliamperes

Stator Input Electrical Power Rating:

80.0 milliwatts

Frequency In Hertz:

400.0

Zso Resistance In Ohms:

1495.00

Zrs Resistance In Ohms:

675.00

Phase Shift Angle In Deg:

5.000 input to output

Maximum Fundamental Null Voltage In Millivolts Per Volt:

10.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

20.00

Electrical Error Angular Range In Minutes:

-1.0/+1.0

Actuator Friction Torque At Minus 55 Deg Celsius:

0.20 inch-ounces

Actuator Friction Torque At Plus 25 Deg Celsius:

0.50 inch-ounces

Pilot Length:

0.0590 mils and 0.0650 centimeters

Shoulder Length:

0.0590 mils and 0.0650 centimeters

Mounting Surface To Terminal End Distance:

0.8370 inches

Shaft Maximum Runout:

0.0010 inches

Terminal Location:

Rear

Plus J Zso Reactance In Ohms:

11870.00

Plus J Zrs Reactance In Ohms:

741.00

Shaft Type:

Round single shaft

Terminal Type And Quantity:

5 screw

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

A07800