

NSN 5990-00-822-8350 Electrical Resolver - Page 1 of 2	AeroBase Group
View Online at https://aerobasegroup.com/nsn/5990-00-822-8350	
Body Material:	
Steel, stainless	
Body Style:	
Standard round c	
Shoulder Diameter:	
Between 0.8118 inches and 0.8123 inches	
Pilot Diameter:	
Between 0.4995 inches and 0.5000 inches	
Overall Length:	
1.7150 inches	
Flange Diameter:	
Between 0.9360 inches and 0.9370 inches	

0.0620 inches

Undercut Diameter:

Flange Thickness:

Between 0.8370 inches and 0.8400 inches

Undercut Width:

0.0620 inches

Shaft Diameter:

0.0895 inches single shaft and 0.0900 inches single shaft

Shaft Length:

0.4690 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

10

Rotor Input Voltage Rating In Volts:

26.0

Frequency In Hertz:

400.0

Rotor Input Current Rating:

44.0 milliamperes

Rotor Input Electrical Power Rating:

400.0 allqjaa3.500 finished-chamfered

Zro Resistance In Ohms:

115.00

Zso Resistance In Ohms:

31.70

Zrs Resistance In Ohms:

152.00

Rotor Dc Resistance In Ohms:

86.00

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Stator Dc Resistance In Ohms:
22.00
Phase Shift Angle In Deg:
10.800 input to output
Maximum Total Null Voltage Output In Millivolts Per Volt:
30.00
Electrical Error Angular Range In Minutes:
-10.0/+10.0
Alignment Hole Quantity:
3
Pilot Length:
0.0380 inches
Shoulder Length:
0.0630 inches
Mounting Surface To Terminal End Distance:
1.2460 inches
Terminal Location:
Rear
Plus J Zro Reactance In Ohms:
410.00
Shaft Slot Depth:
0.0210 inches single shaft and 0.0310 inches single shaft
Plus J Zso Reactance In Ohms:
110.00
Shaft Slot Width:
0.0100 inches single shaft and 0.0150 inches single shaft
Plus J Zrs Reactance In Ohms:
67.00
Shaft Type:
Round, slotted single shaft
Alignment Hole Depth:
0.0620 inches
Alignment Hole Bolt Circle Diameter:
0.6780 inches
Terminal Type And Quantity:
7 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:

A07800