NSN 5990-00-905-0638

Electrical Resolver - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-00-905-0638

Body Material: Steel, stainless Body Style: Standard round a Pilot Diameter: Between 0.4995 inches and 0.5000 inches Overall Length:
Body Style: Standard round a Pilot Diameter: Between 0.4995 inches and 0.5000 inches
Standard round a Pilot Diameter: Between 0.4995 inches and 0.5000 inches
Pilot Diameter: Between 0.4995 inches and 0.5000 inches
Between 0.4995 inches and 0.5000 inches
Overall Length:
1.6590 inches
Flange Diameter:
Between 0.7490 inches and 0.7500 inches
Flange Thickness:
0.0620 inches
Undercut Diameter:
Between 0.6880 inches and 0.6910 inches
Undercut Width:
0.0620 inches
Shaft Diameter:
0.4180 inches single shaft
Shaft Length:
0.4180 inches single shaft
Body Size:
8
Stator Input Voltage Rating In Volts:
26.0
Stator Input Current Rating:
30.0 milliamperes
Stator Input Electrical Power Rating:
23.0 milliwatts
Rotor Input Voltage Rating In Volts:
26.0
Frequency In Hertz:
400.0
Rotor Input Current Rating:
38.0 milliamperes
Rotor Input Electrical Power Rating:
39.0 milliwatts
Rotor Dc Resistance In Ohms:
230.00
Stator Dc Resistance In Ohms:
170.00
Phase Shift Angle In Deg:

20.000 input to output

NSN 5990-00-905-0638 Electrical Resolver - Page 2 of 2



Maximum Total Null Voltage Output In Millivolts Per Volt:
30.00
Electrical Error Angular Range In Minutes:
-7.0/+7.0
Pilot Length:
0.0430 inches
Mounting Surface To Terminal End Distance:
1.2410 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
Terminal Type And Quantity:
7 wire lead
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A07800