NSN 5990-00-655-2705

Electrical Resolver - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-00-655-2705

Body Material:

Steel, stainless

Body Style:

Standard round c

Shoulder Diameter:

Between 1.3115 inches and 1.3120 inches

Pilot Diameter:

Between 0.8745 inches and 0.8750 inches

Overall Length:

Between 2.6320 inches and 2.6380 inches

Flange Diameter:

Between 1.4360 inches and 1.4370 inches

Flange Thickness:

Between 0.0900 inches and 0.0960 inches

Undercut Diameter:

Between 1.3090 inches and 1.3150 inches

Undercut Width:

Between 0.0730 inches and 0.0830 inches

Shaft Diameter:

0.1870 inches single shaft and 0.1873 inches single shaft

Shaft Length:

0.5680 inches single shaft and 0.5740 inches single shaft

Fragility Factor:

Moderately rugged

Body Size:

15

Stator Input Voltage Rating In Volts:

23.0

Frequency In Hertz:

1000.0

Compensation Method:

Winding compensated

Maximum Fundamental Null Voltage In Millivolts Per Volt:

20.00 output

Maximum Total Null Voltage Output In Millivolts Per Volt:

300.00

Alignment Hole Quantity:

4

Pilot Length:

Between 0.0370 inches and 0.0430 inches

Shoulder Length:

Between 0.1299 inches and 0.1350 inches

NSN 5990-00-655-2705 Electrical Resolver - Page 2 of 2



Mounting Surface To Terminal End Distance:
1.9540 inches
Terminal Location:
Rear
Shaft Slot Depth:
0.0300 inches single shaft
Shaft Slot Width:
0.0300 inches single shaft
Shaft Type:
Round, slotted single shaft
Alignment Hole Depth:
0.1250 inches
Transformation Ratio:
1.000 rotor to stator
Alignment Hole Bolt Circle Diameter:
Between 1.0970 inches and 1.1030 inches
Terminal Type And Quantity:
12 screw
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
Yes - demil/mli
Fiig:

A07800