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