NSN 5990-00-725-7804

Electrical Resolver - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5990-00-725-7804

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Body Material:
Any acceptable
Body Style:
Standard round b
Shoulder Diameter:
Between 1.3115 inches and 1.3120 inches
Pilot Diameter:
Between 0.8745 inches and 0.8750 inches
Overall Length:
2.6030 inches
Flange Diameter:
Between 1.4360 inches and 1.4370 inches
Flange Thickness:
0.0930 inches
Undercut Width:
0.0780 inches
Shaft Diameter:
0.1871 inches single shaft and 0.1873 inches single shaft
Shaft Length:
0.5710 inches single shaft
Body Size:
15
Stator Input Voltage Rating In Volts:
90.0
Stator Input Current Rating:
7.0 milliamperes
Stator Input Electrical Power Rating:
35.0 milliwatts
Frequency In Hertz:
400.0
Zso Impedance Magnitude In Ohms:
3190.00
Zso Impedance Angle In Deg:
82.10
Rotor Dc Resistance In Ohms:
215.00
Stator Dc Resistance In Ohms:
310.00
Phase Shift Angle In Deg:
Between 4.600 output to input and 6.600 output to input
Maximum Fundamental Null Voltage In Millivolts Per Volt:
0.67 input

NSN 5990-00-725-7804 Electrical Resolver - Page 2 of 2



maximum rotal Num voltage Output in minivolts Fer volt.	
1.00	
Actuator Friction Torque At Plus 25 Deg Celsius:	
0.20 inch-ounces	
Alignment Hole Quantity:	
4	
Pilot Length:	
0.0400 inches	
Shoulder Length:	
0.1320 inches	
Mounting Surface To Terminal End Distance:	
1.8600 inches	
Terminal Location:	
Rear	
Shaft Slot Depth:	
0.0250 inches single shaft and 0.0350 inches single shaft	
Shaft Slot Width:	
0.0250 inches single shaft and 0.0350 inches single shaft	
Shaft Type:	
Round, slotted single shaft	
Alignment Hole Depth:	
0.1870 inches	
Transformation Ratio:	
Between 0.960 rotor to stator and 1.000 rotor to stator	
Alignment Hole Bolt Circle Diameter:	
1.1000 inches	
Terminal Type And Quantity:	
12 threaded stud	
Shelf Life:	
N/a	
Unit Of Measure:	
Demilitarization:	
No	
Fiig:	
A07800	