## NSN 5905-00-938-4801

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View Online at https://aerobasegroup.com/nsn/5905-00-938-4801 **Section Quantity:** 2 **Body Style:** Cylindrical servo mounted **Reliability Indicator:** Not established **Pilot Diameter:** Between 1.31150 inches and 1.31200 inches Pilot Length: Between 0.12700 inches and 0.13700 inches **Overall Length:** 2.566 inches **Undercut Diameter:** 1.315 inches **Undercut Width:** 0.07300 inches **Body Diameter:** 1.453 inches **Shaft Diameter:** 0.125 inches **Shaft Length:** Between 0.734 inches and 0.766 inches **Body Length:** 1.800 inches **Overall Diameter:** 1.709 inches **Mounting Lip Diameter:** Between 1.43200 inches and 1.44200 inches **Mounting Lip Depth:** Between 0.08800 inches and 0.09800 inches **Shaft Style:** Round **Shaft Bearing Type:** Ball **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** 350.0 **Maximum Starting Torque:** 

0.70 inch-ounces

**Shaft Runout:** 

0.001 inches

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Lateral Runout:
0.002 inches
Pilot Diameter Runout:
0.00100 inches
Mechanical Backlash In Deg Angular Rotation:
0.041
Terminal Location:
Radially positioned over more than half the circumference
Mounting Method:
Clamp ring
Electrical Resistance Per Section:
5.0 kilohms all sections
Rotary Actuator Travel In Angular Deg:
360.0
Function Conformity Tolerance Per Section:
-0.10/+0.10 2nd section
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
125.0 all sections
Power Dissipation Rating Per Section In Watts:
2.0 free air all sections
Function Conformity Per Section:
All sections independent linearity
Resistance Tolerance Per Section In Percent:
-10.0/+10.0 2nd section
Actuator Travel Control Feature:
Continuous motion
Function Characteristic Per Section:
All sections equation
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
40.0 all sections
Test Data Document:
03538-7648736 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.;
excludes any specification, standard or other document that may be referenced in a basic governing drawing)
Terminal Type And Quantity:
8 turret
Shelf Life:
N/a
Unit Of Measure:
<del></del>
Demilitarization:
No
Fiig: