

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

**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 Temperature 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 Temperature 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:**

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**Demilitarization:**

No

**Fiig:**

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