

View Online at <https://aerobasegroup.com/nsn/5905-00-912-2241>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

0.8750 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

Between 2.171 inches and 2.225 inches

**Undercut Diameter:**

Between 0.874 inches and 0.875 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

1.172 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.625 inches

**Body Length:**

Between 1.563 inches and 1.583 inches

**Overall Diameter:**

1.000 inches

**Mounting Lip Diameter:**

1.0000 inches

**Mounting Lip Depth:**

0.0680 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

Between 3600.0 and 3604.0

**Maximum Starting Torque:**

0.40 inch-ounces

**Maximum Running Torque:**

0.30 inch-ounces

**Maximum Stop Torque:**

100.00 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Longitudinally positioned on the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

50.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 3600.0 and 3604.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 single section

**Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:**

105.0 single section

**Power Dissipation Rating Per Section In Watts:**

3.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 single section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

Single section linear

**Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:**

-20.0/+20.0 single section

**Ambient Temperature In Deg Celsius Per Section At Full Rated Power:**

40.0 single section

**Terminal Type And Quantity:**

3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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