

View Online at <https://aerobasegroup.com/nsn/5905-00-838-7332>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.8745 inches and 1.8750 inches

**Pilot Length:**

Between 0.0520 inches and 0.0620 inches

**Overall Length:**

2.812 inches

**Undercut Diameter:**

1.875 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

Between 1.995 inches and 2.005 inches

**Angle Of Mounting Hole In Deg:**

22.5

**Angle Between Centerlines Of Mounting Holes In Deg:**

0.09

**Shaft Diameter:**

Between 0.249 inches and 0.250 inches

**Shaft Length:**

Between 0.594 inches and 0.656 inches

**Body Length:**

2.156 inches

**Mounting Lip Diameter:**

Between 1.9950 inches and 2.0050 inches

**Mounting Lip Depth:**

Between 0.0880 inches and 0.0980 inches

**Mounting Hole/stud Circle Diameter:**

0.750 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Single shaft

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

Between 3599.0 and 3601.0

**Maximum Starting Torque:**

2.00 inch-ounces

**Maximum Running Torque:**

1.40 inch-ounces

**Shaft Runout:**

0.003 inches

**Lateral Runout:**

0.002 inches

**Shaft Radial Play:**

0.0005 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

10.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 3775.0 and 3785.0

**Function Conformity Tolerance Per Section:**

-0.02/+0.02 single section

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

80.0 single section

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

-3000.0/+3000.0 single section

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

5.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

Single section linear

**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

**Fig:**

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