

View Online at <https://aerobasegroup.com/nsn/5905-00-945-7170>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.0750 inches and 1.0760 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Overall Length:**

2.875 inches

**Undercut Diameter:**

1.875 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

2.250 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

2.250 inches

**Body Length:**

Between 0.594 inches and 0.656 inches

**Overall Diameter:**

2.250 inches

**Mounting Lip Diameter:**

Between 1.9000 inches and 2.0050 inches

**Mounting Lip Depth:**

Between 0.0880 inches and 0.0980 inches

**Shaft Style:**

Round

**Actuator Type:**

Single shaft

**Maximum Starting Torque:**

1.20 inch-ounces

**Maximum Running Torque:**

0.80 inch-ounces

**Maximum Stop Torque:**

1.50 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.002 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

10.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

3600.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 single section

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

150.0 single section

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

-30.0/+30.0 single section

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

7.0 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

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

85.0 single section

**Terminal Type And Quantity:**

3 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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