

View Online at <https://aerobasegroup.com/nsn/5905-00-055-9909>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.8730 inches and 1.8740 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

1.702 inches

**Undercut Diameter:**

1.870 inches

**Undercut Width:**

0.0780 inches

**Body Diameter:**

Between 1.990 inches and 2.005 inches

**Shaft Diameter:**

Between 0.2495 inches and 0.2499 inches

**Shaft Length:**

Between 0.594 inches and 0.656 inches

**Body Length:**

Between 0.594 inches and 0.656 inches

**Mounting Lip Diameter:**

Between 1.9900 inches and 2.0050 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

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

360.0

**Maximum Starting Torque:**

1.80 inch-ounces

**Maximum Running Torque:**

0.60 inch-ounces

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.006 inches

**Pilot Diameter Runout:**

0.0015 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.002

**Terminal Location:**

Radially positioned over more 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:**

360.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 single section

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

125.0 single section

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

1.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-1.0 to 1.0 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**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:**

4 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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