

View Online at <https://aerobasegroup.com/nsn/5905-00-153-8235>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 0.9681 inches and 0.9686 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Overall Length:**

Between 1.375 inches and 1.593 inches

**Undercut Diameter:**

Between 0.932 inches and 0.975 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Body Diameter:**

Between 1.047 inches and 1.125 inches

**Shaft Diameter:**

0.124 inches

**Shaft Length:**

Between 0.115 inches and 0.656 inches

**Body Length:**

Between 0.666 inches and 0.812 inches

**Overall Diameter:**

Between 1.440 inches and 1.562 inches

**Mounting Lip Diameter:**

Between 1.0720 inches and 1.0870 inches

**Mounting Lip Depth:**

Between 0.0570 inches and 0.0670 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Double ended shaft

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

350.0

**Maximum Starting Torque:**

0.50 inch-ounces

**Maximum Running Torque:**

0.30 inch-ounces

**Shaft End Play:**

0.002 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.002 inches

**Fragility Factor:**

Moderately rugged

**Terminal Location:**

Radially positioned over more than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

5.0 kilohms single section

**Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:**

172.5 single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.50/+0.50 single section

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

125.0 single section

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

-150.0/+150.0 single section

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

1.5 free air single section

**Function Conformity Per Section:**

Single section absolute linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Tap Location From Ccw Terminal Per Section In Ohms:**

2500.0 single section

**Function Characteristic Per Section:**

Single section linear

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

70.0 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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