

View Online at <https://aerobasegroup.com/nsn/5905-00-987-5507>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.3120 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

1.853 inches

**Undercut Diameter:**

1.312 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

1.438 inches

**Shaft Diameter:**

0.2497 inches

**Shaft Length:**

0.688 inches

**Body Length:**

1.040 inches

**Overall Diameter:**

1.960 inches

**Mounting Lip Diameter:**

1.4380 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Double ended shaft

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

349.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

0.60 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.002 inches

**Mechanical Backlash In Deg Angular Rotation:**

1.0

**Terminal Location:**

Radially positioned over more than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Humidity proof

**Electrical Resistance Per Section:**

50.0 kilohms single section

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

93.5 single section and 251.5 single section and 345.0 single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.15/+0.15 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:**

2.0 free air single section

**Function Conformity Per Section:**

Single section absolute linearity

**Fixed Tap Quantity Per Section:**

3 single section

**Tap Location Tolerance Per Section:**

-1.0/+1.0 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-1.0/+1.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**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

**Special Features:**

Trim fixed resistors 1/4 watt, externally mtd

**Precious Material And Location:**

Terminals gold

**Precious Material:**

Gold

**Terminal Type And Quantity:**

6 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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