

View Online at <https://aerobasegroup.com/nsn/5905-00-188-3858>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.8130 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

1.875 inches

**Undercut Diameter:**

1.844 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

1.875 inches

**Mounting Hole Diameter:**

0.120 inches

**Angle Of Mounting Hole In Deg:**

90.0

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

120.0

**Shaft Diameter:**

0.2497 inches

**Shaft Length:**

0.625 inches

**Body Length:**

1.250 inches

**Overall Diameter:**

2.241 inches

**Mounting Lip Diameter:**

1.8750 inches

**Mounting Lip Depth:**

0.0620 inches

**Mounting Hole/stud Circle Diameter:**

1.203 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Contact Arm Electrical Off Position:**

Fully ccw

**Actuator Type:**

Single shaft

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

1080.0

**Maximum Starting Torque:**

1.30 inch-ounces

**Maximum Running Torque:**

0.90 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.0005 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.001 inches

**Fragility Factor:**

Moderately rugged

**Mounting Facility Quantity:**

3

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Unthreaded hole

**Electrical Resistance Per Section:**

10.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

1080.0

**Function Conformity Tolerance Per Section:**

-0.25 to 0.25 single section

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

85.0 single section

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

3.0 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:**

-15.0/+15.0 ohms single section

**Resistance Tolerance Per Section In Percent:**

-5.0 to 5.0 single section

**Actuator Travel Control Feature:**

Stops

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

5000.0 single section

**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

**Terminal Type And Quantity:**

4 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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