

View Online at <https://aerobasegroup.com/nsn/5905-00-166-3533>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

2.152 inches

**Body Diameter:**

0.875 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.688 inches

**Mounting Bushing Length:**

0.250 inches

**Body Length:**

1.340 inches

**Overall Diameter:**

1.071 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

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

3600.0

**Maximum Starting Torque:**

5.00 inch-ounces

**Maximum Running Torque:**

1.00 inch-ounces

**Shaft End Play:**

0.010 inches

**Shaft Runout:**

0.003 inches

**Lateral Runout:**

0.005 inches

**Pilot Diameter Runout:**

0.003 inches

**Shaft Radial Play:**

0.003 inches

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

**Screw Thread Qty Per Inch (tpi):**

32.0

**Terminal Location:**

Longitudinally positioned on the circumference

**Mounting Method:**

Standard bushing

**Electrical Resistance Per Section:**

500.0 ohms single section

**Rotary Actuator Travel In Angular Deg:**

3600.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 single section

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

105.0 single section

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

3.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 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:**

40.0 single section

**Special Features:**

Shaft nonmagnetic passivated stainless steel

**Terminal Type And Quantity:**

3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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