

View Online at <https://aerobasegroup.com/nsn/5905-00-825-3161>

**Section Quantity:**

1

**Body Style:**

Cylindrical hole/slot mounted

**Reliability Indicator:**

Not established

**Overall Length:**

1.305 inches

**Body Diameter:**

1.125 inches

**Shaft Diameter:**

Between 0.186 inches and 0.187 inches

**Shaft Length:**

0.680 inches

**Body Length:**

0.815 inches

**Overall Diameter:**

1.560 inches

**Mounting Hole/stud Circle Diameter:**

0.828 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

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

290.0

**Maximum Starting Torque:**

5.00 inch-ounces

**Maximum Running Torque:**

5.00 inch-ounces

**Maximum Stop Torque:**

192.00 inch-ounces

**Shaft End Play:**

0.005 inches

**Mechanical Backlash In Deg Angular Rotation:**

1.5

**Screw Thread Diameter:**

0.112 inches

**Screw Thread Series Designator:**

Unc

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

40.0

**Mounting Facility Quantity:**

3

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Threaded hole

**Electrical Resistance Per Section:**

1.0 megohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Resistance Temperature Characteristic Range Per Section In Percent:**

+0.0/+10.0 -55 degrees celsius single section and +0.0/+5.0 -25 degrees celsius single section and +0.0/+2.5 0 degrees celsius single section and -3.5/+3.5 85 degrees celsius single section and +0.0/+7.5 120 degrees celsius 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:**

0.5 free air single section

**Resistance Tolerance Per Section In Percent:**

-5.0/+10.0 single section

**Actuator Travel Control Feature:**

Continuous motion

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

80.0 single section

**Standard Taper Curve Per Section:**

A single section

**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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