

View Online at <https://aerobasegroup.com/nsn/5905-00-502-0281>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**liilength:**

2.625 inches

**First Flat Length:**

0.025 inches

**Flat Height:**

Between 0.214 inches and 0.218 inches

**Body Diameter:**

1.156 inches

**Shaft Diameter:**

Between 0.248 inches and 0.250 inches

**Shaft Length:**

0.875 inches

**Mounting Bushing Length:**

0.250 inches

**Body Length:**

0.625 inches

**liidiameter:**

1.484 inches

**Shaft Style:**

Round, flatted

**Actuator Type:**

Single shaft

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

312.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Stop Torque:**

192.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

Between 0.526 inches and 0.536 inches

**Mechanical Backlash In Deg Angular Rotation:**

1.500

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Standard bushing

**Electrical Resistance Per Section:**

1.000 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

312.0

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

-0.0 to 5.5 -55 degrees celsius single section and -0.0 to 0.0 -25 degrees celsius single section and -2.0 to 2.0 85 degrees celsius single section and -0.0 to 4.5 120 degrees celsius single section

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

120.0 single section

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

2.25 heat sink single section

**Resistance Tolerance Per Section In Percent:**

-10.0 to 10.0 single section

**Actuator Travel Control Feature:**

Stops

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

70.0 single section

**Special Features:**

0.250 inch long bushing

**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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