

View Online at <https://aerobasegroup.com/nsn/5905-00-820-5931>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

Between 2.969 inches and 3.031 inches

**Body Diameter:**

Between 1.719 inches and 1.781 inches

**Shaft Diameter:**

Between 0.2495 inches and 0.2500 inches

**Shaft Length:**

Between 0.844 inches and 0.906 inches

**Mounting Bushing Length:**

0.375 inches

**Body Length:**

2.125 inches

**Overall Diameter:**

2.125 inches

**Shaft Style:**

Round

**Actuator Type:**

Single shaft

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

Between 3600.0 and 3614.4

**Maximum Starting Torque:**

3.00 inch-ounces

**Maximum Running Torque:**

1.50 inch-ounces

**Maximum Stop Torque:**

192.00 inch-ounces

**Nonturn Device Location:**

At 6 oclock

**Nonturn Device Radius:**

0.531 inches

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Rear end

**Mounting Method:**

Standard bushing

**Electrical Resistance Per Section:**

20.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 3600.0 and 3615.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 single section

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

105.0 single section

**Temperature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:**

-110.0/+110.0 single section

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

5.0 heat sink single section

**Function Conformity Per Section:**

Single section independent linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-1.0/+1.0 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 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

**Terminal Type And Quantity:**

3 tab, solder lug and 1 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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