

View Online at <https://aerobasegroup.com/nsn/5905-01-035-3479>

**Section Quantity:**

2

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

2.250 inches

**Body Diameter:**

0.500 inches

**Shaft Diameter:**

0.187 inches

**Shaft Length:**

1.125 inches

**Mounting Bushing Length:**

0.250 inches

**Body Length:**

1.125 inches

**Overall Diameter:**

0.670 inches

**Undercut Diameter:**

0.1248 inches

**Shaft Style:**

Round, stepped

**Actuator Type:**

Single shaft

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

300.0

**Maximum Starting Torque:**

3.00 inch-ounces

**Maximum Running Torque:**

1.00 inch-ounces

**Nonturn Device Location:**

At 12 oclock

**Nonturn Device Radius:**

0.200 inches

**Shaft End Play:**

0.00600 inches

**Shaft Runout:**

0.004 inches

**Lateral Runout:**

0.003 inches

**Pilot Diameter Runout:**

0.00300 inches

**Shaft Radial Play:**

0.001 inches

**End Application:**

An/apr-38

**Undercut Length:**

0.281 inches

**Screw Thread Diameter:**

0.250 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:**

10.000 kilohms all sections

**Rotary Actuator Travel In Angular Deg:**

345.0

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 all sections

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

100.0 all sections

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

-250.0/+250.0 all sections

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

0.25 free air all sections

**Function Conformity Per Section:**

All sections independent linearity

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 all sections

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

All sections linear

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

70.0 all sections

**Special Features:**

Inner shaft has a flat length 0.281 in. And a flat height 0.107 in.

**Terminal Type And Quantity:**

6 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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