

View Online at <https://aerobasegroup.com/nsn/5905-00-006-7642>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

2.469 inches

**Body Diameter:**

1.625 inches

**Shaft Diameter:**

0.125 inches

**Shaft Length:**

0.813 inches

**Mounting Bushing Length:**

0.313 inches

**Body Length:**

Between 0.843 inches and 0.906 inches

**Overall Diameter:**

Between 0.956 inches and 1.109 inches

**Shaft Style:**

Round, slotted

**Contact Arm Electrical Off Position:**

Fully ccw

**Actuator Type:**

Single shaft

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

Between 3600.0 and 3610.0

**Maximum Starting Torque:**

0.70 inch-ounces

**Maximum Running Torque:**

0.60 inch-ounces

**Maximum Stop Torque:**

80.00 inch-ounces

**Nonturn Device Location:**

At 12 oclock

**Nonturn Device Radius:**

Between 0.245 inches and 0.255 inches

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.002 inches

**Mechanical Backlash In Deg Angular Rotation:**

1.5

**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:**

1.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 3600.0 and 3610.0

**Function Conformity Tolerance Per Section:**

-0.50 to 0.50 single section

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

80.0 single section

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

-70.0 to 70.0 single section

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

2.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-5.0 to 5.0 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

**Test Data Document:**

01714-g395805 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**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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