

View Online at <https://aerobasegroup.com/nsn/5905-01-270-0989>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

1.522 inches

**Terminal Length:**

Between 0.084 inches and 0.116 inches

**First Flat Length:**

Between 0.234 inches and 0.266 inches

**Flat Height:**

Between 0.092 inches and 0.096 inches

**Body Diameter:**

0.516 centimeters

**Shaft Diameter:**

Between 0.124 inches and 0.126 inches

**Shaft Length:**

Between 0.844 inches and 0.906 inches

**Mounting Bushing Length:**

Between 0.234 inches and 0.266 inches

**Body Length:**

0.500 inches

**Shaft Style:**

Round, flatted

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

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

270.0

**Maximum Starting Torque:**

3.00 inch-ounces

**Maximum Running Torque:**

3.00 inch-ounces

**Maximum Stop Torque:**

64.00 inch-ounces

**Nonturn Device Location:**

At 10'30 oclock

**Nonturn Device Radius:**

0.245 inches

**Mechanical Backlash In Deg Angular Rotation:**

3.0

**Center To Center Distance Between Terminals:**

Between 0.190 inches and 0.210 inches

**End Application:**

6625-01-159-3106

**Screw Thread Diameter:**

0.250 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Rear end

**Mounting Method:**

Standard bushing

**Cubic Measure:**

0.294 cubic inches

**Electrical Resistance Per Section:**

5.0 percent, rated amperes c and better flooring

**Rotary Actuator Travel In Angular Deg:**

295.0

**Center To Center Distance Between Center Terminal And Outside Terminal:**

0.095 mils and 0.105 centimeters

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

+0.0/+5.5 -55 degrees celsius single section and +0.0/+3.0 -25 degrees celsius single section and +0.0/+1.5 0 degrees celsius single section  
and -2.0/+2.0 85 degrees celsius single section and +0.0/+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:**

0.5 7th secondary quality

**Resistance Tolerance Per Section In Percent:**

-20.0/+20.0 single section

**Actuator Travel Control Feature:**

Stops

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

40.0 single section

**Standard Taper Curve Per Section:**

A single section

**Terminal Type And Quantity:**

3 pin

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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