

View Online at <https://aerobasegroup.com/nsn/5905-00-255-6144>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

Between 0.890 inches and 0.125 inches and 0.150 inches

**Mounting Hole Diameter:**

Between 0.125 inches and 0.150 inches

**Shaft Diameter:**

Between 0.232 inches and 0.234 inches

**Shaft Length:**

Between 0.880 inches and 0.940 inches

**Mounting Bushing Length:**

Between 0.359 inches and 0.391 inches

**Body Length:**

Between 0.437 inches and 0.469 inches

**Shaft Style:**

Round, slotted, undercut

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

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

Between 251.0 and 318.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

6.00 inch-ounces

**Maximum Stop Torque:**

128.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

Between 0.422 inches and 0.454 inches

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

Between 0.359 inches and 0.391 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Mounting Facility Quantity:**

2

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Standard bushing and unthreaded hole

**Features Provided:**

Humidity proof

**Cubic Measure:**

0.292 cubic inches

**Electrical Resistance Per Section:**

100.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 251.0 and 318.0

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

-3.0 to 0.0 -55 degrees celsius single section and -5.0 to 10.0 -25 degrees celsius single section and -5.0 to 10.0 25 degrees celsius single section and +0.0 to 3.0 120 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:**

2.0 free air 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

**Standard Taper Curve Per Section:**

A single section

**Special Features:**

Resistor shielded by three steel plates 1.125 in. by 1.060 in.

**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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