

View Online at <https://aerobasegroup.com/nsn/5905-01-505-2450>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

Between 23.63 millimeters and 25.91 millimeters

**Body Diameter:**

22.23 millimeters

**Shaft Length:**

Between 5.19 millimeters and 6.71 millimeters

**Mounting Bushing Length:**

Between 5.95 millimeters and 6.75 millimeters

**Body Length:**

Between 11.69 millimeters and 12.45 millimeters

**Overall Diameter:**

22.23 millimeters

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

**Shaft End Play:**

0.08 millimeters

**Shaft Runout:**

0.025 millimeters

**Shaft Radial Play:**

0.1 millimeters

**Screw Thread Diameter:**

0.375 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:**

10000.0 ohms single section

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

125.0 single section

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Special Features:**

Yindependent linearity porm 0.5 pct; effective electrical angle 320 degrees porm 3 pct; resolution essentially infinite; power rating p70 degrees c 1 watt, p125 degrees c 0 watt; output smoothness 0.1 pct; dielectric strength vrms sea level 750, 70, 000 feet 250; insulation resistance, 500 vdc, 1, 000 megohms min; operating temp m65.0 to p125.0 c; resistance temperature coefficient porm 5 pct trs; moisture resistance res change porm 10 pct max; vibration 15g; shock 50g; rotational life 25, 000, 000 revolutions; total resistance shift porm 10 pct max; shaft runout, mil-r-39023, 0.025mm tir; shaft end play, mil-r-39023, 0.08mm tir; shaft radial play 0.10mm tir; backlash 0.1 degrees max; mechanical angle continuous; torque, starting and running, 0.18 ncm max

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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