

View Online at <https://aerobasegroup.com/nsn/5905-01-305-3490>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

0.860 mils and 0.890 centimeters

**Shaft Diameter:**

Between 0.120 inches and 0.130 inches

**Shaft Length:**

Between 0.718 inches and 0.782 inches

**Mounting Bushing Length:**

Between 0.057 inches and 0.067 inches

**Body Length:**

1.500 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Single shaft

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

Between 3600.0 and 3604.0

**Maximum Starting Torque:**

0.70 inch-ounces

**Maximum Running Torque:**

0.60 inch-ounces

**Maximum Stop Torque:**

48.00 inch-ounces

**Nonturn Device Location:**

At 12 oclock

**Nonturn Device Radius:**

Between 0.297 inches and 0.307 inches

**Shaft End Play:**

0.0005 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

**Fragility Factor:**

Moderately rugged

**End Application:**

Test equipment

**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

**Features Provided:**

Humidity proof

**Cubic Measure:**

0.933 cubic inches

**Electrical Resistance Per Section:**

10.0 percent, rated amperes c and better flooring

**Rotary Actuator Travel In Angular Deg:**

Between 3600.0 and 3610.0

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 single section

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

125.0 single section

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

-400.0/+400.0 single section

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

1.5 7th secondary quality

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 single section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

7 oclock all primaries

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

70.0 single section

**Test Data Document:**

81349-mil-r-12934 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

3 tab, solder lug

**Specification Data:**

81349-mil-r-12934/31 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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