

View Online at <https://aerobasegroup.com/nsn/5905-00-989-9539>

**Section Quantity:**

1

**Body Style:**

Rectangular w/mounting holes/slots

**Reliability Indicator:**

Not established

**Overall Length:**

Between 1.254 inches and 1.359 inches

**Overall Height:**

Between 0.235 inches and 0.300 inches

**Overall Width:**

Between 0.235 inches and 0.300 inches

**Mounting Hole Diameter:**

Between 0.088 inches and 0.098 inches

**Shaft Diameter:**

Between 0.100 inches and 0.140 inches

**Shaft Length:**

Between 0.036 inches and 0.077 inches

**Body Length:**

Between 1.218 inches and 1.282 inches

**Body Width:**

Between 0.235 inches and 0.300 inches

**Body Height:**

Between 0.235 inches and 0.300 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

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

Between 6120.0 and 9720.0

**Maximum Starting Torque:**

8.00 inch-ounces

**Center To Center Distance Between Terminals:**

Between 0.490 inches and 0.510 inches

**Lateral Distance Between Mounting Hole Centers:**

Between 0.109 inches and 0.160 inches

**Mounting Facility Quantity:**

2

**Terminal Location:**

Lower adjacent side single row

**Mounting Method:**

Unthreaded hole

**Electrical Resistance Per Section:**

2.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 6120.0 and 9720.0

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

Between 0.290 inches and 0.310 inches

**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 -2.0/+2.0 85 degrees celsius single section and -5.0/+5.0 125 degrees celsius single section

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

125.0 single section

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

0.25 free air single section

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Clutch

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

70.0 single section

**Standard Taper Curve Per Section:**

A single section

**Test Data Document:**

81349-mil-r-22097 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-22097/1 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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