

View Online at <https://aerobasegroup.com/nsn/5905-00-902-0670>

**Section Quantity:**

1

**Body Style:**

Rectangular w/mounting holes/slots

**Reliability Indicator:**

Not established

**Overall Length:**

Between 1.025 inches and 1.075 inches

**Terminal Length:**

Between 0.469 inches and 0.531 inches

**Overall Height:**

Between 0.295 inches and 0.335 inches

**Overall Width:**

Between 0.639 inches and 0.721 inches

**Mounting Hole Diameter:**

Between 0.088 inches and 0.098 inches

**Shaft Diameter:**

Between 0.100 inches and 0.130 inches

**Shaft Length:**

Between 0.035 inches and 0.065 inches

**Body Length:**

Between 0.990 inches and 1.010 inches

**Body Width:**

Between 0.170 inches and 0.190 inches

**Body Height:**

Between 0.295 inches and 0.335 inches

**Shaft Style:**

Round, slotted

**Contact Arm Electrical Off Position:**

Fully cw

**Actuator Type:**

Single shaft

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

Between 4320.0 and 6480.0

**Maximum Starting Torque:**

8.00 inch-ounces

**Center To Center Distance Between Terminals:**

Between 0.590 inches and 0.610 inches

**Lateral Distance Between Mounting Hole Centers:**

Between 0.745 inches and 0.755 inches

**Mounting Facility Quantity:**

2

**Terminal Location:**

Rear end

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

5.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 4320.0 and 6480.0

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

Between 0.160 inches and 0.180 inches

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

150.0 single section

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

-50.0/+50.0 single section

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

0.8 free air single section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Stops

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

85.0 single section

**Standard Taper Curve Per Section:**

A single section

**Test Data Document:**

81349-mil-r-27208 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 pin

**Specification Data:**

81349-mil-r-27208/2 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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