

View Online at <https://aerobasegroup.com/nsn/5905-01-277-4317>

**Section Quantity:**

1

**Body Style:**

Rectangular w/mounting holes/slots

**Reliability Indicator:**

Established

**Reliability Failure Rate Level In Percent:**

0.010

**Terminal Length:**

Between 0.469 inches and 0.531 inches

**Mounting Hole Diameter:**

0.088 mils and 0.098 centimeters

**Shaft Diameter:**

Between 0.100 inches and 0.130 inches

**Shaft Length:**

Between 0.036 inches and 0.080 inches

**Body Length:**

Between 1.240 inches and 1.260 inches

**Body Width:**

Between 0.180 inches and 0.200 inches

**Body Height:**

Between 0.300 inches and 0.330 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

**Maximum Running Torque:**

8.00 inch-ounces

**Center To Center Distance Between Terminals:**

Between 0.690 inches and 0.710 inches

**Fragility Factor:**

Moderately rugged

**End Application:**

Hk helicopter, advanced attack, ah-1w; missile, air-to-air, sparrow (aim-7); spruance class dd (963); forrestal class cv; kidd class ddg; nimitz class cvn; arleigh burke class ddg; virginia class cgn (41); ticonderoga class cg (47)

**Lateral Distance Between Mounting Hole Centers:**

Between 0.995 inches and 1.005 inches

**Mounting Facility Quantity:**

2

**Terminal Location:**

Lower adjacent side two rows

**Mounting Method:**

Terminal and unthreaded hole

**Center To Center Distance Between Terminal Rows:**

Between 0.090 inches and 0.110 inches

**Features Provided:**

Humidity proof

**Cubic Measure:**

0.075 cubic inches

**Electrical Resistance Per Section:**

1.0 percent, rated amperes c and better flooring

**Rotary Actuator Travel In Angular Deg:**

Between 6120.0 and 9720.0

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

0.290 mils and 0.310 centimeters

**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:**

-100.0/+100.0 single section

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

0.75 7th secondary quality

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Clutch

**Criticality Code Justification:**

Feat

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

85.0 single section

**Standard Taper Curve Per Section:**

A single section

**Special Features:**

Weapon system essential

**Test Data Document:**

81349-mil-r-39035 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-39035/1 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

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