

View Online at <https://aerobasegroup.com/nsn/5905-00-517-9330>

Section Quantity:

1

Body Style:

Rectangular w/mounting holes/slots

Reliability Indicator:

Not established

Terminal Length:

Between 0.469 inches and 0.531 inches

Mounting Hole Diameter:

0.093 inches

Shaft Diameter:

Between 0.100 inches and 0.130 inches

Shaft Length:

Between 0.036 inches and 0.080 inches

Body Length:

Between 1.218 inches and 1.282 inches

Body Width:

Between 0.300 inches and 0.330 inches

Body Height:

Between 0.180 inches and 0.200 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

Lateral Distance Between Mounting Hole Centers:

1.000 inches

Mounting Facility Quantity:

2

Terminal Location:

Lower adjacent side two rows

Mounting Method:

Unthreaded hole

Features Provided:

Humidity proof

Cubic Measure:

0.075 cubic inches

Electrical Resistance Per Section:

500.0 ohms 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 0.300 inches and 0.400 inches

Resistance Temperature Characteristic Range Per Section In Percent:

+0.0 to 4.5 -55 degrees celsius single section and +0.0 to 2.5 -25 degrees celsius single section and -1.5 to 1.5 85 degrees celsius single section and -4.0 to 4.0 125 degrees celsius single section

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:

-250.0 to 250.0 single section

Power Dissipation Rating Per Section In Watts:

0.75 free air single section

Resistance Tolerance Per Section In Percent:

-10.0 to 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:

Aircraft, f-111

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 pin

Specification Data:

81349-mil-r-22097/2 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No