

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

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