

View Online at <https://aerobasegroup.com/nsn/5905-00-018-8694>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

4.207 inches

First Flat Length:

1.500 inches

Flat Height:

Between 0.339 inches and 0.349 inches

Body Diameter:

5.090 inches

Shaft Diameter:

Between 0.373 inches and 0.376 inches

Shaft Length:

Between 1.453 inches and 2.047 inches

Mounting Bushing Length:

2.047 inches

Body Length:

2.160 inches

Overall Diameter:

5.515 inches

Shaft Style:

Round, flatted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 305.0 and 315.0

Maximum Starting Torque:

160.00 inch-ounces

Maximum Stop Torque:

240.00 inch-ounces

Nonturn Device Location:

At 3 oclock and at 9 oclock

Screw Thread Diameter:

0.250 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

20.0

Mounting Facility Quantity:

2

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

200.0 ohms single section

Rotary Actuator Travel In Angular Deg:

Between 305.0 and 315.0

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

390.0 single section

Power Dissipation Rating Per Section In Watts:

225.0 heat sink single section

Resistance Tolerance Per Section In Percent:

-10.0 to 10.0 single section

Actuator Travel Control Feature:

Stops

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

25.0 single section

Standard Taper Curve Per Section:

A single section

Special Features:

Two mtg holes spaced 180 degrees on 0.875 in. Radius

Test Data Document:

81349-mil-r-22 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-22/10 government specification

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A002a0