

View Online at <https://aerobasegroup.com/nsn/5905-01-339-6491>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

First Flat Length:

Between 0.562 inches and 0.625 inches

Flat Height:

Between 0.211 inches and 0.221 inches

Body Diameter:

Between 1.032 inches and 1.156 inches

Shaft Diameter:

Between 0.248 inches and 0.251 inches

Shaft Length:

Between 0.844 inches and 0.906 inches

Mounting Bushing Length:

Between 0.360 inches and 0.432 inches

Body Length:

Between 0.468 inches and 0.750 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Sleeve

Switch Type:

Push-pull

Switch Voltage Rating In Volts:

117.0

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 330.0 and 340.0

Maximum Starting Torque:

6.00 inch-ounces

Maximum Running Torque:

6.00 inch-ounces

Maximum Stop Torque:

128.00 inch-ounces

Nonturn Device Location:

At 9 oclock

Nonturn Device Radius:

Between 0.515 inches and 0.547 inches

Switch Operating Position:

Any position of rotation travel

Switch Contact Arrangement:

Single pole, single throw, normally open, both positions maintained

Fragility Factor:

Moderately rugged

Screw Thread Diameter:

Between 0.313 inches and 0.437 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Rear-bottom

Mounting Method:

Standard bushing

Features Provided:

Humidity proof and panel seal and shaft seal and switch

Electrical Resistance Per Section:

5.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 330.0 and 340.0

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

120.0 single section

Power Dissipation Rating Per Section In Watts:

1.0 free air single section

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 single section

Actuator Travel Control Feature:

Stops

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

70.0 single section

Switch Current Type And Rating In Amps:

3.000 dc

Standard Taper Curve Per Section:

C single section

Test Data Document:

81349-mil-r-94 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:

5 tab, solder lug

Specification Data:

81349-mil-r-94/5 government specification

Shelf Life:

Nil

Unit Of Measure:

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Demilitarization:

No

Fig:

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