

View Online at <https://aerobasegroup.com/nsn/5905-01-287-2252>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

First Flat Length:

Between 0.487 inches and 0.503 inches

Flat Height:

Between 0.216 inches and 0.220 inches

Body Diameter:

0.865 mils and 0.885 centimeters

Shaft Diameter:

Between 0.248 inches and 0.250 inches

Shaft Length:

Between 0.865 inches and 0.885 inches

Mounting Bushing Length:

0.250 inches

Body Length:

Between 1.458 inches and 1.478 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Sleeve

Switch Type:

Rotary

Switch Voltage Rating In Volts:

28.0

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 265.0 and 275.0

Maximum Starting Torque:

15.00 inch-ounces

Maximum Running Torque:

6.00 inch-ounces

Maximum Stop Torque:

240.00 inch-ounces

Nonturn Device Location:

At 3 oclock

Nonturn Device Radius:

0.375 inches

Mechanical Backlash In Deg Angular Rotation:

2.0

Switch Operating Position:

Start of rotation

Switch Contact Arrangement:

Double pole, single throw, normally open

Fragility Factor:

Moderately rugged

End Application:

Nav-8a/b/cdcn

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Standard bushing

Features Provided:

Humidity proof and shaft seal and switch

Cubic Measure:

0.895 cubic inches

Electrical Resistance Per Section:

5.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

Between 295.0 and 305.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 single section

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

135.0 single section

Power Dissipation Rating Per Section In Watts:

4.0 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

7 oclock all primaries

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

40.0 single section

Switch Current Type And Rating In Amps:

8.000 dc

Test Data Document:

76301-5-1680 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

7 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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