

View Online at <https://aerobasegroup.com/nsn/5905-00-086-1521>

Section Quantity:

4

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.1875 inches

Pilot Length:

0.6200 inches

Undercut Diameter:

1.297 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.312 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.562 inches

Body Length:

2.500 inches

Mounting Lip Diameter:

1.3280 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Switch Type:

Rotary

Switch Voltage Rating In Volts:

28.0

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

352.0

Maximum Starting Torque:

1.70 inch-ounces

Maximum Running Torque:

1.19 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.004 inches

Switch Operating Position:

Start of rotation

Switch Contact Arrangement:

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

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Flange

Features Provided:

Switch

Electrical Resistance Per Section:

2.5 kilohms 2nd section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25 to 0.25 4th section

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

105.0 all sections

Power Dissipation Rating Per Section In Watts:

1.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 1st section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections linear

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

40.0 all sections

Switch Current Type And Rating In Amps:

0.040 ac/dc

Terminal Type And Quantity:

14 solder stud

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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