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Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.9995 inches and 1.0000 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

2.450 inches

Undercut Diameter:

1.310 inches

Undercut Width:

0.0570 inches

Body Diameter:

1.445 inches

Shaft Diameter:

Between 0.1869 inches and 0.1872 inches

Shaft Length:

Between 0.550 inches and 0.570 inches

Body Length:

1.880 inches

Overall Diameter:

1.880 inches

Mounting Lip Diameter:

Between 1.4320 inches and 1.4420 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Switch Type:

Rotary

Switch Voltage Rating In Volts:

30.0

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

343.368

Maximum Starting Torque:

2.60 inch-ounces

Maximum Running Torque:

2.60 inch-ounces

Maximum Stop Torque:

20.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.1

Switch Operating Position:

Any position of rotation travel

Switch Contact Arrangement:

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

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Switch

Electrical Resistance Per Section:

2.9 kilohms 2nd section

Rotary Actuator Travel In Angular Deg:

349.368

Function Conformity Tolerance Per Section:

-0.0007 to 0.0007 2nd section

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

125.0 all sections

Temperature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:

-400.0 to 400.0 all sections

Power Dissipation Rating Per Section In Watts:

1.5 free air all sections

Function Conformity Per Section:

All sections absolute conformity

Resistance Tolerance Per Section In Percent:

-2.0 to 2.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections linear

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

70.0 all sections

Switch Current Type And Rating In Amps:

0.003 dc

Unpackaged Unit Weight:

182.0 grams

Test Data Document:

70210-805360 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:

8 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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