

View Online at <https://aerobasegroup.com/nsn/5905-00-104-9413>

Section Quantity:

4

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.2495 inches and 1.2500 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

3.625 inches

Undercut Diameter:

1.880 inches

Undercut Width:

0.0570 inches

Body Diameter:

2.030 inches

Shaft Diameter:

Between 0.1869 inches and 0.1872 inches

Shaft Length:

Between 0.630 inches and 0.650 inches

Body Length:

2.885 inches

Mounting Lip Diameter:

Between 1.9950 inches and 2.0050 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round, slotted

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:

349.8

Maximum Starting Torque:

2.60 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.004 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

Mechanical Backlash In Deg Angular Rotation:

0.1

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:

Clamp ring

Features Provided:

Switch

Electrical Resistance Per Section:

20.0 kilohms 2nd section

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

75.4 3rd section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25 to 0.25 2nd section

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

4.0 free air all sections

Function Conformity Per Section:

All sections absolute conformity

Fixed Tap Quantity Per Section:

1 3rd section

Tap Location Tolerance Per Section:

-5.0 to 5.0 degrees angular rotation 3rd section

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 3rd section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

4th section equation

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

-20.0 to 20.0 all sections

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

65.0 all sections

Switch Current Type And Rating In Amps:

0.005 dc

Unpackaged Unit Weight:

6.50 ounces

Precious Material And Location:

Terminal surfaces gold

Precious Material:

Gold

Test Data Document:

70210-805361 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:

15 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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