

View Online at <https://aerobasegroup.com/nsn/5905-00-755-0828>

Section Quantity:

5

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.4950 inches and 0.5050 inches

Pilot Length:

0.1250 inches

Overall Length:

5.344 inches

Undercut Diameter:

1.750 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.755 inches

Angle Of Mounting Hole In Deg:

90.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.109 inches and 0.141 inches

Body Length:

4.219 inches

Overall Diameter:

2.002 inches

Mounting Lip Diameter:

2.0620 inches

Mounting Lip Depth:

0.0930 inches

Mounting Hole/stud Circle Diameter:

Between 0.870 inches and 0.880 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Switch Type:

Rotary

Switch Voltage Rating In Volts:

35.0 and 250.0 and 250.0

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

6.50 inch-ounces

Maximum Running Torque:

4.00 inch-ounces

Shaft Runout:

0.001 inches

Switch Operating Position:

Start of linear movement

Switch Contact Arrangement:

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

Screw Thread Diameter:

0.138 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

4

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Features Provided:

Switch

Electrical Resistance Per Section:

80.000 percent, rated amperes c and better select

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

175.0 all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.30/+0.30 all sections

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

-20.0/+20.0 all sections

Power Dissipation Rating Per Section In Watts:

2.0 free air all sections

Function Conformity Per Section:

All sections terminal base linearity

Fixed Tap Quantity Per Section:

1 5th section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Tap Location From Ccw Terminal Per Section In Ohms:

40000.0 3rd section

Function Characteristic Per Section:

All sections linear

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

85.0 all sections

Switch Current Type And Rating In Amps:

0.500 dc and 0.001 dc and 0.010 dc

Special Features:

3 switch sections

Terminal Type And Quantity:

26 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0