

View Online at <https://aerobasegroup.com/nsn/5905-00-809-5189>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

0.9680 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

3.163 inches

**Undercut Diameter:**

0.968 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

1.062 inches

**Shaft Diameter:**

0.125 inches

**Shaft Length:**

0.513 inches

**Body Length:**

2.650 inches

**Overall Diameter:**

1.436 inches

**Mounting Lip Diameter:**

1.0620 inches

**Mounting Lip Depth:**

0.0620 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Bearing

**Switch Type:**

Rotary

**Switch Voltage Rating In Volts:**

28.0

**Actuator Type:**

Single shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

340.0

**Maximum Starting Torque:**

10.00 inch-ounces

**Maximum Running Torque:**

5.00 inch-ounces

**Shaft End Play:**

0.001 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.001 inches

**Switch Operating Position:**

Ab

**Switch Contact Arrangement:**

Single pole, single throw, normally closed

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Switch

**Electrical Resistance Per Section:**

20.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.50/+0.50 single section

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

125.0 single section

**Power Dissipation Rating Per Section In Watts:**

2.0 free air single section

**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:**

Single section linear

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

70.0 single section

**Switch Current Type And Rating In Amps:**

3.000 dc

**Special Features:**

Magnetic clutch inc. 2 terminals for clutch

**Test Data Document:**

82577-651895 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

**Fig:**

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