

View Online at <https://aerobasegroup.com/nsn/5905-00-172-7964>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 0.96830 inches and 0.96880 inches

**Pilot Length:**

0.06200 inches

**Overall Length:**

1.466 inches

**Undercut Diameter:**

0.975 inches

**Undercut Width:**

0.05700 inches

**Body Diameter:**

1.125 inches

**Shaft Diameter:**

0.125 inches

**Shaft Length:**

0.625 inches

**Body Length:**

0.810 inches

**Overall Diameter:**

1.562 inches

**Mounting Lip Diameter:**

1.06200 inches

**Mounting Lip Depth:**

0.06200 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

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

360.0

**Maximum Starting Torque:**

0.50 inch-ounces

**Maximum Running Torque:**

0.40 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.001 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.5

**Terminal Location:**

Radially positioned over more than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

2.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Resistance Temperature Characteristic Range Per Section In Percent:**

-5.0/+5.0 -65 degrees celsius single section and -2.5/+2.5 50 degrees celsius single section and -5.0/+5.0 75 degrees celsius single section and -5.0/+5.0 105 degrees celsius single section and -5.0/+5.0 125 degrees celsius single section

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 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:**

1.25 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

Single section 360 degrees sine-cosine

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

70.0 single section

**Test Data Document:**

00752-373734 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:**

6 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fiig:**

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