

View Online at <https://aerobasegroup.com/nsn/5905-00-755-3253>

**Section Quantity:**

4

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 0.49500 inches and 0.50500 inches

**Pilot Length:**

Between 0.10900 inches and 0.14100 inches

**Overall Length:**

4.485 inches

**Undercut Diameter:**

1.625 inches

**Undercut Width:**

0.07300 inches

**Body Diameter:**

1.755 inches

**Angle Of Mounting Hole In Deg:**

90.0

**Angle Between Centerlines Of Mounting Holes In Deg:**

90.0

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

Between 1.984 inches and 2.016 inches

**Body Length:**

2.485 inches

**Overall Diameter:**

2.156 inches

**Mounting Lip Diameter:**

1.75500 inches

**Mounting Lip Depth:**

0.09300 inches

**Mounting Hole/stud Circle Diameter:**

Between 0.870 inches and 0.880 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

350.0

**Maximum Starting Torque:**

4.50 inch-ounces

**Maximum Running Torque:**

2.00 inch-ounces

**Shaft Runout:**

0.001 inches

**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:**

Humidity proof

**Electrical Resistance Per Section:**

80.000 percent, rated amperes c and better select

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.20/+0.20 all sections

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

150.0 all sections

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

2.0 free air all sections

**Function Conformity Per Section:**

All sections terminal base linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 4th section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

All sections linear

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

-20.0/+20.0 all sections

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

85.0 all sections

**Precious Material And Location:**

Terminals gold and terminals silver

**Precious Material:**

Gold and silver

**Terminal Type And Quantity:**

12 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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