

View Online at <https://aerobasegroup.com/nsn/5905-00-836-6080>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 0.7490 inches and 0.7500 inches

**Pilot Length:**

Between 0.0570 inches and 0.0570 inches

**Overall Length:**

1.437 inches

**Undercut Diameter:**

Between 1.990 inches and 2.010 inches

**Undercut Width:**

0.5000 inches

**Body Diameter:**

Between 1.990 inches and 2.010 inches

**Angle Of Mounting Hole In Deg:**

45.0

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

120.0

**Shaft Diameter:**

Between 0.250 inches and 0.251 inches

**Shaft Length:**

0.812 inches

**Body Length:**

Between 0.609 inches and 0.641 inches

**Overall Diameter:**

2.219 inches

**Mounting Lip Diameter:**

Between 2.1820 inches and 2.1920 inches

**Mounting Lip Depth:**

Between 0.1200 inches and 0.1300 inches

**Mounting Hole/stud Circle Diameter:**

1.437 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

354.0

**Maximum Starting Torque:**

0.50 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Radial Play:**

0.001 inches

**Screw Thread Diameter:**

0.125 inches

**Screw Thread Series Designator:**

Unc

**Screw Thread Qty Per Inch (tpi):**

32.0

**Mounting Facility Quantity:**

3

**Terminal Location:**

Radially positioned over more than half the circumference

**Mounting Method:**

Threaded hole

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

2.000 kilohms single section

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

177.0 single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 single section

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

150.0 single section

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

-20.0/+20.0 single section

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

3.0 free air single section

**Function Conformity Per Section:**

Single section terminal base linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-0.5/+0.5 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

Single section linear

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

85.0 single section

**Terminal Type And Quantity:**

4 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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