

View Online at <https://aerobasegroup.com/nsn/5905-00-828-9327>

**Section Quantity:**

3

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Thread Length:**

0.109 inches

**Pilot Diameter:**

Between 0.9995 inches and 1.0005 inches

**Pilot Length:**

Between 0.0680 inches and 0.0880 inches

**Overall Length:**

2.605 inches

**Undercut Diameter:**

Between 0.970 inches and 0.980 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Body Diameter:**

1.000 inches

**Shaft Diameter:**

0.125 inches

**Shaft Length:**

Between 0.454 inches and 0.565 inches

**Body Length:**

2.000 inches

**Overall Diameter:**

1.320 inches

**Mounting Lip Diameter:**

Between 1.0570 inches and 1.0670 inches

**Mounting Lip Depth:**

Between 0.0570 inches and 0.0670 inches

**Shaft Style:**

Round, threaded

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

352.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

0.60 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.00100 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

2.000 percent, rated amperes c and better industrial clears

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.75/+0.75 3rd section

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

0.25 free air all sections

**Function Conformity Per Section:**

1st section terminal base linearity

**Fixed Tap Quantity Per Section:**

1 all sections

**Tap Location Tolerance Per Section:**

-100.0/+100.0 ohms all sections

**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:**

5000.0 3rd section

**Function Characteristic Per Section:**

All sections linear

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

-85.0/+85.0 all sections

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

80.0 all sections

**Special Features:**

0.437 in. Min. Fullspline on shaft

**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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