

View Online at <https://aerobasegroup.com/nsn/5905-00-759-7307>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 0.6240 inches and 0.6250 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Overall Length:**

2.425 inches

**Undercut Diameter:**

Between 0.745 inches and 0.755 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Body Diameter:**

Between 0.850 inches and 0.890 inches

**Shaft Diameter:**

125.000 inches

**Shaft Length:**

Between 0.531 inches and 0.593 inches

**Body Length:**

1.863 inches

**Overall Diameter:**

0.995 inches

**Mounting Lip Diameter:**

Between 0.8500 inches and 0.8900 inches

**Mounting Lip Depth:**

Between 0.0570 inches and 0.0670 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

3600.0

**Maximum Starting Torque:**

1.50 inch-ounces

**Maximum Stop Torque:**

80.00 inch-ounces

**Fragility Factor:**

Moderately rugged

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

5.0 kilohms single section

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

2160.0 single section

**Rotary Actuator Travel In Angular Deg:**

3700.0

**Function Conformity Tolerance Per Section:**

-0.05/+0.05 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:**

-40.0/+40.0 single section

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

1.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-0.5/+0.5 ohms single section

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Stops

**Tap Location From Ccw Terminal Per Section In Ohms:**

4000.0 single section

**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 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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