

View Online at <https://aerobasegroup.com/nsn/5905-01-027-2086>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

0.6250 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

0.781 inches

**Undercut Width:**

0.0570 inches

**Body Diameter:**

0.875 inches

**Shaft Diameter:**

0.125 inches

**Shaft Length:**

0.391 inches

**Body Length:**

1.583 inches

**Mounting Lip Diameter:**

0.8750 inches

**Mounting Lip Depth:**

0.0620 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

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

3455.0

**Maximum Starting Torque:**

0.60 inch-ounces

**Maximum Running Torque:**

0.60 inch-ounces

**Maximum Stop Torque:**

100.00 inch-ounces

**Shaft End Play:**

0.002 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.001 inches

**Mechanical Backlash In Deg Angular Rotation:**

7.5

**Fragility Factor:**

Moderately rugged

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

51.1 kilohms single section

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

1728.0 single section

**Rotary Actuator Travel In Angular Deg:**

3455.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 single section

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

85.0 single section

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

2.5 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:**

-10.0/+10.0 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 single section

**Actuator Travel Control Feature:**

Clutch

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

25.5 single section

**Function Characteristic Per Section:**

Single section linear

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

50.0 single section

**Terminal Type And Quantity:**

4 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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