

View Online at <https://aerobasegroup.com/nsn/5905-00-581-0953>

**Section Quantity:**

2

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.8750 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

2.000 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

Between 1.995 inches and 2.005 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.625 inches

**Body Length:**

4.125 inches

**Mounting Lip Diameter:**

Between 1.9950 inches and 2.0050 inches

**Mounting Lip Depth:**

0.0940 inches

**Shaft Style:**

Round

**Actuator Type:**

Single shaft

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

3600.0

**Maximum Starting Torque:**

2.25 inch-ounces

**Maximum Running Torque:**

1.75 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.003 inches

**Pilot Diameter Runout:**

0.00200 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Flange

**Electrical Resistance Per Section:**

20.0 percent, rated amperes c and better finish

**Rotary Actuator Travel In Angular Deg:**

3600.0

**Function Conformity Tolerance Per Section:**

-0.50/+0.50 1st section

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

85.0 all sections

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

-30.0/+30.0 all sections

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

5.0 free air all sections

**Function Conformity Per Section:**

All sections independent linearity

**Fixed Tap Quantity Per Section:**

9 2nd section

**Tap Location Tolerance Per Section:**

-1.0/+1.0 degrees angular rotation 2nd section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Stops

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

360.0 2nd section and 720.0 2nd section and 1080.0 2nd section and 1440.0 2nd section and 1800.0 2nd section and 2160.0 2nd section and 2520.0 2nd section and 2880.0 2nd section and 3240.0 2nd section

**Function Characteristic Per Section:**

All sections linear

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

40.0 all sections

**Terminal Type And Quantity:**

15 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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