

View Online at <https://aerobasegroup.com/nsn/5905-00-082-8335>

**Section Quantity:**

2

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.8750 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

4.875 inches

**Undercut Diameter:**

1.875 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

2.031 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.625 inches

**Body Length:**

4.250 inches

**Mounting Lip Diameter:**

2.0000 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Single shaft

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

3600.0

**Maximum Starting Torque:**

2.60 inch-ounces

**Maximum Running Torque:**

1.80 inch-ounces

**Maximum Stop Torque:**

480.00 inch-ounces

**Shaft End Play:**

0.0025 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Shaft

**Features Provided:**

Panel seal

**Electrical Resistance Per Section:**

40.0 kilohms 2nd section

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

288.0 2nd section and 576.0 2nd section and 864.0 2nd section and 1152.0 2nd section and 1440.0 2nd section and 2016.0 2nd section

**Rotary Actuator Travel In Angular Deg:**

3600.0

**Function Conformity Tolerance Per Section:**

-0.10 to 0.10 2nd section

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

85.0 all sections

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

5.0 free air all sections

**Function Conformity Per Section:**

1st section terminal base linearity

**Fixed Tap Quantity Per Section:**

6 2nd section

**Tap Location Tolerance Per Section:**

-1.0 to 1.0 degrees angular rotation 2nd section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

2nd section table

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

-20.0/+20.0 all sections

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

40.0 all sections

**Precious Material And Location:**

Terminal surface gold

**Precious Material:**

Gold

**Test Data Document:**

50040-175896 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

12 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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