

View Online at <https://aerobasegroup.com/nsn/5905-00-847-6354>

**Section Quantity:**

2

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.8740 inches and 1.8750 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Undercut Diameter:**

1.688 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

1.812 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

Between 0.870 inches and 0.880 inches

**Body Length:**

Between 3.960 inches and 4.000 inches

**Mounting Lip Diameter:**

Between 1.9950 inches and 2.0050 inches

**Mounting Lip Depth:**

Between 0.0570 inches and 0.0670 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

3600.0

**Maximum Starting Torque:**

2.00 inch-ounces

**Maximum Running Torque:**

1.40 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.002 inches

**Terminal Location:**

Radially positioned over more than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

10.0 kilohms all sections

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

1800.0 all sections

**Rotary Actuator Travel In Angular Deg:**

Between 3960.0 and 3963.0

**Function Conformity Tolerance Per Section:**

-0.05/+0.05 all sections

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

105.0 all sections

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

8.0 free air all sections

**Function Conformity Per Section:**

All sections absolute linearity

**Fixed Tap Quantity Per Section:**

1 all sections

**Tap Location Tolerance Per Section:**

-2.0/+2.0 ohms all sections

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 all sections

**Actuator Travel Control Feature:**

Stops

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

5000.0 all sections

**Function Characteristic Per Section:**

All sections linear

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

25.0 all sections

**Terminal Type And Quantity:**

8 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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