

View Online at <https://aerobasegroup.com/nsn/5905-00-501-8558>

**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:**

1.875 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

2.031 inches

**Shaft Diameter:**

Between 0.2494 inches and 0.2500 inches

**Shaft Length:**

Between 0.590 inches and 0.650 inches

**Body Length:**

3.852 inches

**Mounting Lip Diameter:**

Between 1.9900 inches and 2.0050 inches

**Mounting Lip Depth:**

Between 0.0880 inches and 0.0980 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Double ended shaft

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

3600.0

**Maximum Starting Torque:**

4.00 inch-ounces

**Maximum Running Torque:**

2.00 inch-ounces

**Maximum Stop Torque:**

600.00 inch-ounces

**Shaft End Play:**

0.0025 inches

**Shaft Runout:**

0.001 inches

**Fragility Factor:**

Moderately rugged

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Humidity proof

**Electrical Resistance Per Section:**

1.6 kilohms all sections

**Rotary Actuator Travel In Angular Deg:**

Between 3510.0 and 3690.0

**Function Conformity Tolerance Per Section:**

-0.03/+0.03 all sections

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

125.0 all sections

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

-150.0/+150.0 all sections

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

2.0 free air all sections

**Function Conformity Per Section:**

All sections absolute conformity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

All sections linear

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

40.0 all sections

**Precious Material And Location:**

Terminal surfaces gold

**Precious Material:**

Gold

**Terminal Type And Quantity:**

6 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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