

View Online at <https://aerobasegroup.com/nsn/5905-01-293-3959>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

3.2490 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

3.312 inches

**Undercut Width:**

0.0930 inches

**Body Diameter:**

Between 3.296 inches and 3.328 inches

**Shaft Diameter:**

Between 0.2497 inches and 0.250 inches

**Shaft Length:**

Between 1.469 inches and 1.531 inches

**Body Length:**

Between 4.094 inches and 4.188 inches

**Mounting Lip Diameter:**

3.5000 inches

**Mounting Lip Depth:**

0.0620 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

Between 9000.0 and 9004.0

**Maximum Starting Torque:**

3.50 inch-ounces

**Maximum Running Torque:**

2.50 inch-ounces

**Maximum Stop Torque:**

730.00 inch-ounces

**Shaft End Play:**

0.007 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.004 inches

**Pilot Diameter Runout:**

0.002 inches

**Shaft Radial Play:**

0.0027 inches

**Fragility Factor:**

Moderately rugged

**End Application:**

4920-01-104-2906 automatic test

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Terminal

**Features Provided:**

Humidity proof

**Cubic Measure:**

36.430 cubic inches

**Electrical Resistance Per Section:**

5.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 9000.0 and 9004.0

**Function Conformity Tolerance Per Section:**

-0.05/+0.05 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:**

15.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

Single section linear

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

40.0 single section

**Unpackaged Unit Weight:**

482.0 grams

**Terminal Type And Quantity:**

3 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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