

View Online at <https://aerobasegroup.com/nsn/5905-01-097-9866>

**Section Quantity:**

3

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

2.8750 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

2.875 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

3.250 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.625 inches

**Body Length:**

3.070 inches

**Mounting Lip Diameter:**

3.0000 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

350.0

**Maximum Starting Torque:**

4.50 inch-ounces

**Maximum Running Torque:**

3.00 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.00100 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Humidity proof

**Electrical Resistance Per Section:**

10.000 percent, rated amperes c and better select

**Rotary Actuator Travel In Angular Deg:**

360.0

**Resistance Temperature Characteristic Range Per Section In Percent:**

-5.0/+5.0 -65 degrees celsius all sections and -5.0/+5.0 125 degrees celsius all sections

**Function Conformity Tolerance Per Section:**

-0.50/+0.50 2nd section

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

125.0 all sections

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

2.25 7th secondary finish

**Function Conformity Per Section:**

2nd section absolute conformity

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 all sections

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

8 oclock single primary

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

70.0 all sections

**Special Features:**

One fixed film resistor internally mtd ea cup

**Test Data Document:**

10001-3274207 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

**Terminal Type And Quantity:**

9 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A002a0