

View Online at <https://aerobasegroup.com/nsn/5905-01-123-5987>

**Section Quantity:**

3

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.3120 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

4.667 inches

**Undercut Diameter:**

1.313 inches

**Undercut Width:**

0.0730 inches

**Body Diameter:**

1.437 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

1.812 inches

**Body Length:**

2.820 inches

**Overall Diameter:**

2.188 inches

**Mounting Lip Diameter:**

1.4370 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:**

3.00 inch-ounces

**Maximum Running Torque:**

2.40 inch-ounces

**Shaft End Play:**

0.005 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.001 inches

**Mechanical Backlash In Deg Angular Rotation:**

1.0

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Cubic Measure:**

4.574 cubic inches

**Electrical Resistance Per Section:**

5.0 kilohms all sections

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

174.5 all sections

**Rotary Actuator Travel In Angular Deg:**

350.0

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

-5.0/+5.0 -65 degrees celsius all sections and -4.0/+4.0 -15 degrees celsius all sections and -2.5/+2.5 50 degrees celsius all sections and

-5.0/+5.0 75 degrees celsius all sections and -5.0/+5.0 105 degrees celsius all sections and -5.0/+5.0 125 degrees celsius all sections

**Function Conformity Tolerance Per Section:**

-0.25/+0.25 all sections

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

125.0 all sections

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

1.5 free air all sections

**Function Conformity Per Section:**

All sections independent linearity

**Fixed Tap Quantity Per Section:**

1 all sections

**Tap Location Tolerance Per Section:**

-1.0/+1.0 degrees angular rotation all sections

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Stops

**Function Characteristic Per Section:**

9 oclock all primaries

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

70.0 all sections

**Unpackaged Unit Weight:**

6.00 ounces

**Test Data Document:**

80064-845-4687683 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:**

12 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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