

View Online at <https://aerobasegroup.com/nsn/5905-01-093-0705>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

0.6250 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

2.361 inches

**Undercut Diameter:**

0.781 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

0.875 centimeters

**Shaft Diameter:**

0.1248 inches

**Shaft Length:**

0.750 inches

**Body Length:**

1.580 inches

**Overall Diameter:**

1.062 inches

**Mounting Lip Diameter:**

0.8750 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:**

3600.0

**Maximum Starting Torque:**

0.40 inch-ounces

**Maximum Running Torque:**

0.30 inch-ounces

**Maximum Stop Torque:**

96.00 inch-ounces

**Shaft End Play:**

0.003 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.003 inches

**Pilot Diameter Runout:**

0.0015 inches

**Shaft Radial Play:**

0.002 inches

**Fragility Factor:**

Moderately rugged

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Humidity proof

**Cubic Measure:**

0.950 cubic inches

**Electrical Resistance Per Section:**

20.0 percent, rated amperes c and better flooring

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

128.57 single section and 257.14 single section and 385.71 single section and 514.29 single section and 642.86 single section and 771.43 single section and 900.0 single section and 1028.57 single section and 1157.14 single section and 1285.71 single section and 1414.29 single section and 1542.86 single section and 1671.43 single section and 1800.0 single section and 1928.57 single section and 2057.14 single section and 2185.71 single section and 2314.29 single section and 2442.86 single section and 2571.43 single section and 2700.0 single section and 2828.57 single section and 2957.14 single section and 3085.71 single section and 3214.29 single section and 3342.86 single section and 3471.43 single section

**Rotary Actuator Travel In Angular Deg:**

3600.0

**Function Conformity Tolerance Per Section:**

-0.00071/+0.00071 single section

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

125.0 single section

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

2.5 7th secondary quality

**Function Conformity Per Section:**

Single section terminal base linearity

**Fixed Tap Quantity Per Section:**

27 single section

**Tap Location Tolerance Per Section:**

-2.0/+2.0 degrees angular rotation single section

**Function Characteristic Per Section:**

7 o'clock 11th primary

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

-20.0/+20.0 single section

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

70.0 single section

**Special Features:**

Shaft has gear, 14 teeth, 127 pitch, 20 degrees p.A., 0.1102 in. Maximum dia, full tooth 0.187 to 0.218

**Precious Material And Location:**

Terminal surfaces gold

**Precious Material And Weight:**

1.200 gold grains, troy

**Precious Material:**

Gold

**Test Data Document:**

56910-10004-101 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:**

30 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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