

View Online at <https://aerobasegroup.com/nsn/5905-00-651-1648>

**Section Quantity:**

4

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.3120 inches

**Pilot Length:**

0.0620 inches

**Undercut Diameter:**

1.422 inches

**Undercut Width:**

0.0930 inches

**Body Diameter:**

1.438 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.688 inches

**Body Length:**

2.660 inches

**Mounting Lip Diameter:**

1.4380 inches

**Mounting Lip Depth:**

0.0730 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Double ended shaft

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

360.0

**Maximum Starting Torque:**

2.80 inch-ounces

**Maximum Running Torque:**

2.00 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00200 inches

**Shaft Radial Play:**

0.002 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Humidity proof

**Electrical Resistance Per Section:**

28.605 percent, rated amperes c and better select

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 all sections

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

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

**Fixed Tap Quantity Per Section:**

3 3rd section

**Tap Location Tolerance Per Section:**

-1.0/+1.0 ohms all sections

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Continuous motion

**Tap Location From Ccw Terminal Per Section In Ohms:**

727.0 3rd section and 10000.0 3rd section and 17878.0 3rd section

**Function Characteristic Per Section:**

All sections 360 degrees sine-cosine

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

-20.0/+20.0 all sections

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

40.0 all sections

**Terminal Type And Quantity:**

17 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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