

View Online at <https://aerobasegroup.com/nsn/5905-01-088-6641>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

1.8750 inches

**Pilot Length:**

0.0620 inches

**Overall Length:**

2.996 inches

**Undercut Diameter:**

1.875 inches

**Undercut Width:**

0.0800 inches

**Body Diameter:**

2.000 inches

**Shaft Diameter:**

0.2497 inches

**Shaft Length:**

0.625 inches

**Body Length:**

0.631 inches

**Overall Diameter:**

2.330 inches

**Mounting Lip Diameter:**

2.0000 inches

**Mounting Lip Depth:**

0.0930 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Double ended shaft

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

350.0

**Maximum Starting Torque:**

1.50 inch-ounces

**Maximum Running Torque:**

1.00 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.002 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00100 inches

**Shaft Radial Play:**

0.001 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.1

**Fragility Factor:**

Moderately rugged

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Pressure mounted tap

**Electrical Resistance Per Section:**

10.000 kilohms single section

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

175.0 single section

**Rotary Actuator Travel In Angular Deg:**

360.0

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

-5.0/+5.0 -65 degrees celsius single section and -5.0/+5.0 125 degrees celsius single section

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 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:**

2.0 free air single section

**Function Conformity Per Section:**

Single section absolute linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-0.25/+0.25 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

Single section linear

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

70.0 single section

**Special Features:**

Fixed wire wound resistor internally mounted

**Terminal Type And Quantity:**

3 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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