

View Online at <https://aerobasegroup.com/nsn/5905-00-950-7660>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 0.4365 inches and 0.4370 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Overall Length:**

Between 1.047 inches and 1.057 inches

**Undercut Diameter:**

Between 0.4365 inches and 0.437 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Body Diameter:**

0.500 inches

**Shaft Diameter:**

Between 0.1243 inches and 0.1245 inches

**Shaft Length:**

0.250 inches

**Body Length:**

Any acceptable

**Overall Diameter:**

0.500 inches

**Mounting Lip Diameter:**

0.5000 inches

**Mounting Lip Depth:**

Between 0.6410 inches and 0.6510 inches

**Shaft Style:**

Round, slotted

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

Between 287.0 and 297.0

**Maximum Starting Torque:**

1.50 inch-ounces

**Maximum Running Torque:**

0.75 inch-ounces

**Shaft End Play:**

0.006 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.001 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Rear end

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

2.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-1.00/+1.00 single section

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

150.0 single section

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

-50.0/+50.0 single section

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

4.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-2.0/+2.0 degrees angular rotation single section

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 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:**

85.0 single section

**Terminal Type And Quantity:**

4 turret

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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