

View Online at <https://aerobasegroup.com/nsn/5905-00-649-9072>

**Section Quantity:**

2

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.87400 inches and 1.87500 inches

**Pilot Length:**

Between 0.05700 inches and 0.06700 inches

**Undercut Diameter:**

1.984 inches

**Undercut Width:**

Between 0.07300 inches and 0.08300 inches

**Body Diameter:**

Between 1.995 inches and 2.005 inches

**Shaft Diameter:**

Between 0.249 inches and 0.250 inches

**Shaft Length:**

Between 0.360 inches and 0.420 inches

**Body Length:**

2.143 inches

**Mounting Lip Diameter:**

Between 1.99500 inches and 2.00500 inches

**Mounting Lip Depth:**

Between 0.08800 inches and 0.09800 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:**

2.50 inch-ounces

**Shaft End Play:**

0.00500 inches

**Lateral Runout:**

0.004 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

20.000 kilohms all sections

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

90.0 all sections

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.50/+0.50 all sections

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

85.0 all sections

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

3.0 free air all sections

**Function Conformity Per Section:**

All sections independent linearity

**Fixed Tap Quantity Per Section:**

2 2nd section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 all sections

**Actuator Travel Control Feature:**

Continuous motion

**Function Characteristic Per Section:**

All sections linear

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

40.0 all sections

**Terminal Type And Quantity:**

10 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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