

View Online at <https://aerobasegroup.com/nsn/5905-00-740-8009>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 0.7496 inches and 0.7500 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Overall Length:**

Between 3.172 inches and 3.250 inches

**Undercut Diameter:**

Between 1.6245 inches and 1.625 inches

**Undercut Width:**

Between 0.0570 inches and 0.0670 inches

**Body Diameter:**

Between 2.370 inches and 2.375 inches

**Shaft Diameter:**

Between 0.2494 inches and 0.2499 inches

**Shaft Length:**

Between 0.907 inches and 0.969 inches

**Body Length:**

Between 2.265 inches and 2.281 inches

**Overall Diameter:**

Between 2.792 inches and 2.813 inches

**Mounting Lip Diameter:**

Between 1.8350 inches and 1.8400 inches

**Mounting Lip Depth:**

Between 0.0570 inches and 0.0670 inches

**Mounting Hole/stud Circle Diameter:**

Between 0.932 inches and 0.940 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Bearing

**Contact Arm Electrical Off Position:**

Fully ccw

**Actuator Type:**

Single shaft

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

3660.0

**Maximum Starting Torque:**

1.30 inch-ounces

**Maximum Running Torque:**

1.00 inch-ounces

**Screw Thread Diameter:**

0.164 inches

**Screw Thread Series Designator:**

Unc

**Screw Thread Qty Per Inch (tpi):**

32.0

**Mounting Facility Quantity:**

3

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Threaded hole

**Electrical Resistance Per Section:**

50.000 kilohms single section

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

1800.0 single section

**Rotary Actuator Travel In Angular Deg:**

3660.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 single section

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

85.0 single section

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

5.0 free air single section

**Function Conformity Per Section:**

Single section independent linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Resistance Tolerance Per Section In Percent:**

-1.0/+1.0 single section

**Actuator Travel Control Feature:**

Clutch

**Function Characteristic Per Section:**

Single section linear

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

25.0 single section

**Terminal Type And Quantity:**

4 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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