

View Online at <https://aerobasegroup.com/nsn/5905-00-847-2481>

**Section Quantity:**

1

**Body Style:**

Cylindrical servo mounted

**Reliability Indicator:**

Not established

**Pilot Diameter:**

Between 1.8750 inches and 1.8760 inches

**Pilot Length:**

Between 0.0570 inches and 0.0670 inches

**Overall Length:**

3.641 inches

**Undercut Diameter:**

0.750 inches

**Undercut Width:**

0.0620 inches

**Body Diameter:**

1.875 inches

**Shaft Diameter:**

Between 0.248 inches and 0.250 inches

**Shaft Length:**

Between 0.594 inches and 0.656 inches

**Body Length:**

3.016 inches

**Overall Diameter:**

2.300 inches

**Mounting Lip Diameter:**

Between 1.9950 inches and 2.0050 inches

**Mounting Lip Depth:**

Between 0.0880 inches and 0.0980 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

Between 7200.0 and 7201.0

**Maximum Starting Torque:**

1.00 inch-ounces

**Maximum Running Torque:**

0.75 inch-ounces

**Shaft End Play:**

0.004 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.001 inches

**Pilot Diameter Runout:**

0.0015 inches

**Shaft Radial Play:**

0.001 inches

**Terminal Location:**

Upper adjacent side two rows

**Mounting Method:**

Clamp ring

**Electrical Resistance Per Section:**

5.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 7376.0 and 7384.0

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

85.0 single section

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

-100.0/+100.0 single section

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

10.0 free air single section

**Fixed Tap Quantity Per Section:**

3 single section

**Tap Location Tolerance Per Section:**

-5.0/+5.0 ohms single section

**Resistance Tolerance Per Section In Percent:**

-5.0/+5.0 single section

**Actuator Travel Control Feature:**

Stops

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

60.0 single section

**Standard Taper Curve Per Section:**

A single section

**Terminal Type And Quantity:**

6 solder stud

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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