

View Online at <https://aerobasegroup.com/nsn/5905-00-952-4852>

**Section Quantity:**

2

**Body Style:**

Cylindrical servo mounted

**Pilot Diameter:**

2.87500 inches

**Pilot Length:**

0.06200 inches

**Undercut Diameter:**

2.875 inches

**Undercut Width:**

0.07300 inches

**Body Diameter:**

3.031 inches

**Shaft Diameter:**

0.250 inches

**Shaft Length:**

0.625 inches

**Body Length:**

2.187 inches

**Mounting Lip Diameter:**

3.00000 inches

**Mounting Lip Depth:**

0.09300 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Bearing

**Actuator Type:**

Single shaft

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

350.0

**Maximum Starting Torque:**

2.50 inch-ounces

**Maximum Running Torque:**

1.80 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:**

0.002 inches

**Mechanical Backlash In Deg Angular Rotation:**

0.1

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Clamp ring

**Features Provided:**

Nonmetallic shaft

**Electrical Resistance Per Section:**

5.000 kilohms all sections

**Rotary Actuator Travel In Angular Deg:**

360.0

**Function Conformity Tolerance Per Section:**

-0.10/+0.10 all sections

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

125.0 all sections

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

-100.0/+100.0 all sections

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

6.0 7th secondary finish

**Function Conformity Per Section:**

All sections independent linearity

**Resistance Tolerance Per Section In Percent:**

-3.0/+3.0 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:**

70.0 all sections

**Test Data Document:**

81349-milr12934 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

6 tab, solder lug

**Specification Data:**

81349-mil-r-12934/5 government specification

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

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