

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:

A002a0