

View Online at <https://aerobasegroup.com/nsn/5905-01-209-4081>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.7500 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

0.781 inches

Undercut Width:

0.0570 inches

Body Diameter:

0.906 centimeters

Shaft Diameter:

0.125 inches

Shaft Length:

0.375 inches

Body Length:

1.076 inches

Mounting Lip Diameter:

0.8750 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

1080.0

Maximum Starting Torque:

0.50 inch-ounces

Maximum Running Torque:

0.40 inch-ounces

Maximum Stop Torque:

48.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

Mechanical Backlash In Deg Angular Rotation:

0.1

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

1080.0

Function Conformity Tolerance Per Section:

-0.10/+0.10 single section

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

125.0 single section

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

-30.0/+30.0 single section

Power Dissipation Rating Per Section In Watts:

1.5 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

7 oclock all primaries

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

70.0 single section

Test Data Document:

81349-mil-r-12934 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:

3 tab, solder lug

Specification Data:

81349-mil-r-12934/27 government specification

Shelf Life:

Nil

Unit Of Measure:

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Demilitarization:

No

Fig:

A002a0