

View Online at <https://aerobasegroup.com/nsn/5905-01-313-5125>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.3120 inches and 1.3130 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

Between 1.427 inches and 1.442 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.625 inches

Shaft Diameter:

Between 0.2494 inches and 0.250 inches

Shaft Length:

Between 0.593 inches and 0.656 inches

Body Length:

1.060 inches

Mounting Lip Diameter:

1.4680 inches

Mounting Lip Depth:

Between 0.0880 inches and 0.0980 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

0.80 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.25

Fragility Factor:

Moderately rugged

End Application:

Rudder angle

Terminal Location:

Lower adjacent side single row

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Electrical Resistance Per Section:

5.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

1.5 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

70.0 single section

Unpackaged Unit Weight:

3.0 grams

Test Data Document:

81349-mil-r-39023 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:

Specification Data:

81349-mil-r-39023/3 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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