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Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7495 inches and 0.7500 inches

Pilot Length:

Between 0.0600 inches and 0.0650 inches

Overall Length:

3.067 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.0780 inches

Body Diameter:

2.000 inches

Angle Of Mounting Hole In Deg:

30.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

Between 0.2495 inches and 0.2497 inches

Shaft Length:

0.750 inches

Body Length:

2.312 inches

Overall Diameter:

2.200 inches

Mounting Lip Diameter:

2.0000 inches

Mounting Lip Depth:

0.0930 inches

Mounting Hole/stud Circle Diameter:

1.250 inches

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 308.5 and 330.0

Maximum Starting Torque:

1.00 inch-ounces

Maximum Running Torque:

1.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

Mechanical Backlash In Deg Angular Rotation:

0.1

Screw Thread Diameter:

0.164 inches

Screw Thread Series Designator:

Unc

Screw Thread Qty Per Inch (tpi):

32.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Threaded hole

Electrical Resistance Per Section:

100.0 percent, rated amperes c and better industrial clears

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 2nd section

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

150.0 all sections

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

-30.0/+30.0 all sections

Power Dissipation Rating Per Section In Watts:

5.0 7th secondary finish

Function Conformity Per Section:

All sections independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 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:

85.0 all sections

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:

6 turret

Specification Data:

81349-mil-r-12934/22 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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