

View Online at <https://aerobasegroup.com/nsn/5905-01-347-1997>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7495 inches and 0.7505 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

0.781 inches

Undercut Width:

0.0570 inches

Body Diameter:

0.906 centimeters

Shaft Diameter:

Between 0.1245 inches and 0.1255 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Body Length:

0.810 inches

Mounting Lip Diameter:

Between 0.8650 inches and 0.8800 inches

Mounting Lip Depth:

0.0570 mils and 0.0670 centimeters

Shaft Style:

Round, slotted

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

320.0

Maximum Starting Torque:

0.50 inch-ounces

Maximum Running Torque:

0.40 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:

0.1

Fragility Factor:

Moderately rugged

End Application:

Lantirnnavpod

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp

Features Provided:

Humidity proof

Cubic Measure:

0.522 cubic inches

Electrical Resistance Per Section:

10.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

360.0

Resistance Temperature Characteristic Range Per Section In Percent:

-5.0/+5.0 -65 degrees celsius single section and -4.0/+4.0 -15 degrees celsius single section and -2.5/+2.5 0 degrees celsius single section and -2.5/+2.5 50 degrees celsius single section and -5.0/+5.0 75 degrees celsius single section and -5.0/+5.0 105 degrees celsius single section and -5.0/+5.0 125 degrees celsius single section

Function Conformity Tolerance Per Section:

-0.25/+0.25 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:

1.0 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

7 oclock all primaries

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

70.0 single section

Special Test Features:

Test Data Document:

04939-717801828 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Terminal Type And Quantity:

3 turret

Departure From Cited Designator:

Clamp rings are not acceptable

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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