

View Online at <https://aerobasegroup.com/nsn/5905-00-910-5716>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.5000 inches

Pilot Length:

0.0620 inches

Overall Length:

2.166 inches

Undercut Diameter:

0.625 inches

Undercut Width:

0.0680 inches

Body Diameter:

0.875 inches

Angle Of Mounting Hole In Deg:

45.0

Angle Between Centerlines Of Mounting Holes In Deg:

120.0

Shaft Diameter:

0.1247 inches

Shaft Length:

0.593 inches

Body Length:

1.573 inches

Overall Diameter:

1.250 inches

Mounting Lip Diameter:

0.8750 inches

Mounting Lip Depth:

0.0620 inches

Mounting Hole/stud Circle Diameter:

0.343 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft with gear

Effective Electrical Rotation In Deg Angular Rotation:

Between 3600.0 and 3610.0

Maximum Starting Torque:

0.40 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Maximum Stop Torque:

100.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.002 inches

Screw Thread Diameter:

0.086 inches

Screw Thread Series Designator:

Unc

Screw Thready Qty Per Inch (tpi):

56.0

Mounting Facility Quantity:

3

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring and threaded hole

Electrical Resistance Per Section:

100.0 percent, rated amperes c and better flooring

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

180.0 single section and 3420.0 single section

Rotary Actuator Travel In Angular Deg:

Between 3600.0 and 3610.0

Function Conformity Tolerance Per Section:

-0.05/+0.05 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:

3.0 7th secondary quality

Function Conformity Per Section:

Single section terminal base linearity

Fixed Tap Quantity Per Section:

2 single section

Tap Location Tolerance Per Section:

-2.0/+2.0 degrees angular rotation single section

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

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

-20.0/+20.0 single section

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

40.0 single section

Precious Material And Location:

Terminal surfaces gold

Precious Material:

Gold

Test Data Document:

13499-381-1647-000 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:

6 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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