

View Online at <https://aerobasegroup.com/nsn/5905-00-982-1917>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5610 inches and 1.5620 inches

Pilot Length:

0.0620 inches

Overall Length:

Between 1.693 inches and 1.755 inches

Undercut Diameter:

Between 1.561 inches and 1.562 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.750 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.719 inches

Body Length:

0.880 inches

Overall Diameter:

2.000 inches

Mounting Lip Diameter:

1.7500 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

354.0

Maximum Starting Torque:

0.60 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Shaft End Play:

0.0025 inches

Shaft Runout:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

44.9 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.03/+0.03 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 free air single section

Function Conformity Per Section:

Single section absolute linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section graph

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

40.0 single section

Test Data Document:

10001-2553294 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 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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