

View Online at <https://aerobasegroup.com/nsn/5905-00-593-8227>

Section Quantity:

7

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 2.8740 inches and 2.8750 inches

Pilot Length:

0.0620 inches

Overall Length:

5.214 inches

Undercut Diameter:

2.874 inches

Undercut Width:

0.0730 inches

Body Diameter:

3.000 inches

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

0.594 inches

Body Length:

4.433 inches

Mounting Lip Diameter:

3.0000 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:

358.0

Maximum Starting Torque:

5.70 inch-ounces

Maximum Running Torque:

4.30 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

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.0 kilohms all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 all sections

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

2.0 free air all sections

Function Conformity Per Section:

All sections absolute conformity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 all sections

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections table

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

40.0 all sections

Test Data Document:

10001-1225782 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:

21 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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