

View Online at <https://aerobasegroup.com/nsn/5905-00-153-8237>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.87400 inches and 1.87500 inches

Pilot Length:

0.06200 inches

Overall Length:

Between 5.074 inches and 5.156 inches

Undercut Diameter:

Between 1.865 inches and 1.875 inches

Undercut Width:

Between 0.07300 inches and 0.08300 inches

Body Diameter:

Between 2.021 inches and 2.031 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.750 inches

Body Length:

Between 4.240 inches and 4.250 inches

Overall Diameter:

Between 2.380 inches and 2.391 inches

Mounting Lip Diameter:

Between 1.99000 inches and 2.00500 inches

Mounting Lip Depth:

0.09300 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Double ended shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

4.00 inch-ounces

Maximum Running Torque:

2.00 inch-ounces

Shaft End Play:

0.00250 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.00200 inches

Shaft Radial Play:

0.002 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.000 kilohms 2nd section

Rotary Actuator Travel In Angular Deg:

3680.0

Function Conformity Tolerance Per Section:

-0.05 to 0.05 all sections

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

125.0 all sections

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

-150.0 to 150.0 all sections

Power Dissipation Rating Per Section In Watts:

5.0 free air all sections

Function Conformity Per Section:

All sections absolute linearity

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

All sections linear

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

40.0 all sections

Standard Taper Curve Per Section:

A all sections

Special Features:

External fixed resistor mtd between terminal 3 and 4 both sections

Test Data Document:

10001-2877112 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:

8 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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