

View Online at <https://aerobasegroup.com/nsn/5905-00-153-8238>

Section Quantity:

3

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.3125 inches

Pilot Length:

0.0620 inches

Overall Length:

2.999 inches

Undercut Diameter:

1.313 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.468 inches

Shaft Diameter:

0.250 inches

Shaft Length:

0.563 inches

Body Length:

2.436 inches

Overall Diameter:

2.188 inches

Mounting Lip Diameter:

1.4370 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:

349.0

Maximum Starting Torque:

2.60 inch-ounces

Maximum Running Torque:

1.95 inch-ounces

Shaft End Play:

0.002 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Fragility Factor:

Moderately rugged

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.0 kilohms all sections

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25 to 0.25 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:

2.0 free air all sections

Function Conformity Per Section:

All sections absolute conformity

Resistance Tolerance Per Section In Percent:

-5.0 to 5.0 1st section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

All sections graph

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

40.0 all sections

Special Features:

Fixed resistor mounted across terminals one and four of each section

Unpackaged Unit Weight:

107.52 grams

Precious Material And Location:

Terminal surfaces gold

Precious Material:

Gold

Terminal Type And Quantity:

12 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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