

View Online at <https://aerobasegroup.com/nsn/5905-00-052-0609>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.9680 inches

Pilot Length:

0.0620 inches

Overall Length:

1.197 inches

Undercut Diameter:

0.965 inches

Undercut Width:

0.0620 inches

Body Diameter:

1.062 inches

Shaft Diameter:

Between 0.1245 inches and 0.1248 inches

Shaft Length:

0.500 inches

Body Length:

0.697 inches

Overall Diameter:

1.436 inches

Mounting Lip Diameter:

1.0620 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

0.25 inch-ounces

Maximum Running Torque:

0.15 inch-ounces

Shaft End Play:

0.003 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.004 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

2.5 kilohms single section

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

45.0 single section and 175.0 single section and 320.0 single section

Rotary Actuator Travel In Angular Deg:

350.0

Function Conformity Tolerance Per Section:

-1.00 to 1.00 single section

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

150.0 single section

Power Dissipation Rating Per Section In Watts:

3.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

3 single section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-1.0 to 1.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

-25.0/+25.0 single section

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

75.0 single section

Terminal Type And Quantity:

6 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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