

View Online at <https://aerobasegroup.com/nsn/5905-00-055-9909>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8730 inches and 1.8740 inches

Pilot Length:

0.0620 inches

Overall Length:

1.702 inches

Undercut Diameter:

1.870 inches

Undercut Width:

0.0780 inches

Body Diameter:

Between 1.990 inches and 2.005 inches

Shaft Diameter:

Between 0.2495 inches and 0.2499 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Body Length:

Between 0.594 inches and 0.656 inches

Mounting Lip Diameter:

Between 1.9900 inches and 2.0050 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

1.80 inch-ounces

Maximum Running Torque:

0.60 inch-ounces

Shaft Runout:

0.001 inches

Lateral Runout:

0.006 inches

Pilot Diameter Runout:

0.0015 inches

Mechanical Backlash In Deg Angular Rotation:

0.002

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

10.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 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:

1.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Tap Location Tolerance Per Section:

-1.0 to 1.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

85.0 single section

Terminal Type And Quantity:

4 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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