

View Online at <https://aerobasegroup.com/nsn/5905-00-911-2955>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 2.8740 inches and 2.8750 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Undercut Diameter:

2.875 inches

Undercut Width:

Between 0.0680 inches and 0.0780 inches

Body Diameter:

Between 2.990 inches and 3.000 inches

Shaft Diameter:

Between 0.2494 inches and 0.2497 inches

Shaft Length:

Between 0.531 inches and 0.593 inches

Body Length:

0.650 inches

Mounting Lip Diameter:

Between 2.9900 inches and 3.0000 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

1.90 inch-ounces

Maximum Running Torque:

1.00 inch-ounces

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.0 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:

150.0 single section

Power Dissipation Rating Per Section In Watts:

3.0 free air single section

Function Conformity Per Section:

Single section absolute linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section 360 degrees sine-cosine

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

-20.0/+20.0 single section

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

70.0 single section

Terminal Type And Quantity:

6 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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