

View Online at <https://aerobasegroup.com/nsn/5905-00-690-5676>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.5615 inches and 1.5620 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

Between 1.321 inches and 1.403 inches

Undercut Diameter:

1.562 inches

Undercut Width:

Between 0.0680 inches and 0.0780 inches

Body Diameter:

Between 1.745 inches and 1.755 inches

Shaft Diameter:

0.250 inches

Shaft Length:

Between 0.531 inches and 0.593 inches

Body Length:

Between 0.790 inches and 0.810 inches

Overall Diameter:

1.937 inches

Mounting Lip Diameter:

Between 1.7450 inches and 1.7550 inches

Mounting Lip Depth:

Between 0.0570 inches and 0.0670 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

354.0

Maximum Starting Torque:

0.70 inch-ounces

Maximum Running Torque:

0.40 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.002 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

Electrical Resistance Per Section:

25.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-0.30/+0.30 single section

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

105.0 single section

Power Dissipation Rating Per Section In Watts:

4.5 free air single section

Function Conformity Per Section:

Single section independent 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 linear

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:

40.0 single section

Terminal Type And Quantity:

3 solder stud

Reference Number Differentiating Characteristics:

Quality cont for polaris

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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