

View Online at <https://aerobasegroup.com/nsn/5905-00-865-3342>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8740 inches and 1.8750 inches

Pilot Length:

0.0620 inches

Overall Length:

Between 2.594 inches and 2.656 inches

First Flat Length:

0.375 inches

Flat Height:

0.216 inches

Undercut Diameter:

1.812 inches

Undercut Width:

0.0570 inches

Body Diameter:

Between 1.990 inches and 2.005 inches

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

1.188 inches

Body Length:

Between 2.094 inches and 2.156 inches

Mounting Lip Diameter:

Between 1.9900 inches and 2.0050 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round, flatted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 3600.0 and 3602.0

Maximum Starting Torque:

1.30 inch-ounces

Maximum Running Torque:

0.90 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.0005 inches

Lateral Runout:

0.0015 inches

Pilot Diameter Runout:

0.0001 inches

Shaft Radial Play:

0.001 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

2.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 3775.0 and 3785.0

Function Conformity Tolerance Per Section:

-0.05/+0.05 single section

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

85.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Stops

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 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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