

View Online at <https://aerobasegroup.com/nsn/5905-00-838-7332>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 1.8745 inches and 1.8750 inches

Pilot Length:

Between 0.0520 inches and 0.0620 inches

Overall Length:

2.812 inches

Undercut Diameter:

1.875 inches

Undercut Width:

0.0620 inches

Body Diameter:

Between 1.995 inches and 2.005 inches

Angle Of Mounting Hole In Deg:

22.5

Angle Between Centerlines Of Mounting Holes In Deg:

0.09

Shaft Diameter:

Between 0.249 inches and 0.250 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Body Length:

2.156 inches

Mounting Lip Diameter:

Between 1.9950 inches and 2.0050 inches

Mounting Lip Depth:

Between 0.0880 inches and 0.0980 inches

Mounting Hole/stud Circle Diameter:

0.750 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 3599.0 and 3601.0

Maximum Starting Torque:

2.00 inch-ounces

Maximum Running Torque:

1.40 inch-ounces

Shaft Runout:

0.003 inches

Lateral Runout:

0.002 inches

Shaft Radial Play:

0.0005 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 3775.0 and 3785.0

Function Conformity Tolerance Per Section:

-0.02/+0.02 single section

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

80.0 single section

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

-3000.0/+3000.0 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

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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