

View Online at <https://aerobasegroup.com/nsn/5905-00-563-6730>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.6245 inches and 0.6250 inches

Pilot Length:

Between 0.0570 inches and 0.0670 inches

Overall Length:

Between 1.907 inches and 1.989 inches

Undercut Diameter:

Between 0.6245 inches and 0.625 inches

Undercut Width:

Between 0.0630 inches and 0.0730 inches

Body Diameter:

Between 0.870 inches and 0.880 inches

Shaft Diameter:

Between 0.1245 inches and 0.1248 inches

Shaft Length:

Between 0.344 inches and 0.406 inches

Body Length:

Between 1.563 inches and 1.583 inches

Overall Diameter:

Between 1.026 inches and 1.068 inches

Mounting Lip Diameter:

Between 0.8700 inches and 0.8800 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:

3600.0

Maximum Starting Torque:

0.40 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Maximum Stop Torque:

100.00 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:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

11.250 kilohms single section

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 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:

3.0 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:

Stops

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Test Data Document:

13499-381-1848-010 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

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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