

View Online at <https://aerobasegroup.com/nsn/5905-00-769-4626>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7495 inches and 0.7500 inches

Pilot Length:

Between 0.0550 inches and 0.1300 inches

Overall Length:

3.200 inches

Terminal Length:

12.000 inches

Undercut Diameter:

Between 1.620 inches and 1.630 inches

Undercut Width:

0.7500 inches

Body Diameter:

1.842 inches

Shaft Diameter:

0.125 inches

Shaft Length:

Between 0.429 inches and 0.531 inches

Body Length:

Between 2.550 inches and 2.660 inches

Overall Diameter:

1.967 inches

Mounting Lip Diameter:

Between 1.8070 inches and 1.8120 inches

Mounting Lip Depth:

0.0730 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

2520.0

Maximum Starting Torque:

3.00 inch-ounces

Maximum Running Torque:

2.50 inch-ounces

Maximum Stop Torque:

192.00 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Terminal Location:

Upper adjacent side two rows

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.000 percent, rated amperes c and better finish

Rotary Actuator Travel In Angular Deg:

3116.0

Function Conformity Tolerance Per Section:

-5.00/+5.00 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:

1.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-2.0/+2.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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

25.0 single section

Test Data Document:

98738-18+211671 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:

6 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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