

View Online at <https://aerobasegroup.com/nsn/5905-01-293-3959>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

3.2490 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

3.312 inches

Undercut Width:

0.0930 inches

Body Diameter:

Between 3.296 inches and 3.328 inches

Shaft Diameter:

Between 0.2497 inches and 0.250 inches

Shaft Length:

Between 1.469 inches and 1.531 inches

Body Length:

Between 4.094 inches and 4.188 inches

Mounting Lip Diameter:

3.5000 inches

Mounting Lip Depth:

0.0620 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 9000.0 and 9004.0

Maximum Starting Torque:

3.50 inch-ounces

Maximum Running Torque:

2.50 inch-ounces

Maximum Stop Torque:

730.00 inch-ounces

Shaft End Play:

0.007 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.004 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.0027 inches

Fragility Factor:

Moderately rugged

End Application:

4920-01-104-2906 automatic test

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Terminal

Features Provided:

Humidity proof

Cubic Measure:

36.430 cubic inches

Electrical Resistance Per Section:

5.0 kilohms single section

Rotary Actuator Travel In Angular Deg:

Between 9000.0 and 9004.0

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:

15.0 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

Unpackaged Unit Weight:

482.0 grams

Terminal Type And Quantity:

3 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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