

View Online at <https://aerobasegroup.com/nsn/5905-00-893-5307>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.0570 inches and 0.0670 inches

Pilot Length:

Between 0.7490 inches and 0.7500 inches

Overall Length:

1.526 inches

Undercut Diameter:

Between 0.749 inches and 0.750 inches

Undercut Width:

Between 0.0570 inches and 0.0670 inches

Body Diameter:

0.969 inches

Shaft Diameter:

0.1248 inches

Shaft Length:

0.838 inches

Body Length:

0.688 inches

Overall Diameter:

1.250 inches

Mounting Lip Diameter:

0.9690 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:

354.0

Maximum Starting Torque:

0.50 inch-ounces

Maximum Running Torque:

0.40 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.002 inches

End Application:

S-3b viking; h-60 seahwk aircraft

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Humidity proof

Electrical Resistance Per Section:

20.0 kilohms single section

Tap Location From Ccw Terminal Per Section In Deg Of Effective Electrical Rotation:

52.0 single section

Rotary Actuator Travel In Angular Deg:

360.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 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:

1.25 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Continuous motion

Criticality Code Justification:

Feat

Tap Location From Ccw Terminal Per Section In Ohms:

10.0 single section

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Special Features:

Weapon system essential

Precious Material And Location:

Terminals gold

Precious Material:

Gold

Terminal Type And Quantity:

4 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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