

View Online at <https://aerobasegroup.com/nsn/5905-00-581-3634>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 3.3110 inches and 3.1200 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

3.312 inches

Undercut Width:

0.0620 inches

Body Diameter:

3.500 inches

Shaft Diameter:

0.250 inches

Shaft Length:

1.000 inches

Body Length:

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:

9000.0

Maximum Starting Torque:

3.50 inch-ounces

Maximum Running Torque:

2.50 inch-ounces

Shaft End Play:

0.003 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.003 inches

Pilot Diameter Runout:

0.00200 inches

Shaft Radial Play:

0.003 inches

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

5.0 kilohms single section

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

1350.0 single section and 4500.0 single section and 7650.0 single section

Rotary Actuator Travel In Angular Deg:

9000.0

Function Conformity Tolerance Per Section:

-0.05/+0.05 single section

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

125.0 single section

Power Dissipation Rating Per Section In Watts:

11.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

3 single section

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

Single section linear

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

50.0 single section

Terminal Type And Quantity:

6 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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