

View Online at <https://aerobasegroup.com/nsn/5905-00-951-4394>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

Between 0.7495 inches and 0.7500 inches

Pilot Length:

0.0620 inches

Undercut Diameter:

0.750 inches

Undercut Width:

0.0620 inches

Body Diameter:

0.875 inches

Shaft Diameter:

Between 0.1245 inches and 0.1248 inches

Shaft Length:

0.402 inches

Body Length:

3.044 inches

Mounting Lip Diameter:

Between 0.8650 inches and 0.8800 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:

3600.0

Maximum Starting Torque:

2.50 inch-ounces

Maximum Running Torque:

1.30 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.001 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

1.5

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.0 kilohms all sections

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

1800.0 all sections

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.25/+0.25 all sections

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

0.8 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

1 all sections

Tap Location Tolerance Per Section:

-1.0/+1.0 degrees angular rotation all sections

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

All sections linear

Temperature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:

-70.0/+70.0 all sections

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

70.0 all sections

Terminal Type And Quantity:

9 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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