

View Online at <https://aerobasegroup.com/nsn/5905-00-905-9321>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.4000 inches

Pilot Length:

0.0400 inches

Undercut Diameter:

0.531 inches

Undercut Width:

0.6200 inches

Body Diameter:

0.531 inches

Shaft Diameter:

Between 0.0932 inches and 0.0935 inches

Shaft Length:

0.690 inches

Body Length:

1.094 inches

Mounting Lip Diameter:

0.5310 inches

Mounting Lip Depth:

0.0310 inches

Shaft Style:

Round

Shaft Bearing Type:

Bearing

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

0.40 inch-ounces

Maximum Running Torque:

0.30 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.002 inches

Mechanical Backlash In Deg Angular Rotation:

1.5

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

10.0 kilohms single section

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

1800.0 single section

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

125.0 single section

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

-20.0/+20.0 single section

Power Dissipation Rating Per Section In Watts:

2.5 free air single section

Function Conformity Per Section:

Single section independent linearity

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

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

-20.0/+20.0 single section

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

40.0 single section

Test Data Document:

06481-914035 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:

3 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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