

View Online at <https://aerobasegroup.com/nsn/5905-01-167-6975>

Section Quantity:

2

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

1.3120 inches

Pilot Length:

0.1320 inches

Undercut Diameter:

1.315 inches

Undercut Width:

0.0730 inches

Body Diameter:

1.453 inches

Shaft Diameter:

0.125 inches

Shaft Length:

0.672 inches

Body Length:

1.800 inches

Mounting Lip Diameter:

1.4370 inches

Mounting Lip Depth:

0.0930 inches

Shaft Style:

Round

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

350.0

Maximum Starting Torque:

0.70 inch-ounces

Maximum Running Torque:

0.70 inch-ounces

Shaft End Play:

0.00500 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.00100 inches

Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

0.041

Terminal Location:

Radially positioned over more than half the circumference

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

5.000 kilohms all sections

Rotary Actuator Travel In Angular Deg:

360.0

Resistance Temperature Characteristic Range Per Section In Percent:

-5.0/+5.0 -65 degrees celsius all sections and -4.0/+4.0 -15 degrees celsius all sections and -2.5/+2.5 50 degrees celsius all sections and -5.0/+5.0 75 degrees celsius all sections and -5.0/+5.0 105 degrees celsius all sections and -5.0/+5.0 125 degrees celsius all sections

Function Conformity Tolerance Per Section:

-0.10/+0.10 2nd section

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

125.0 all sections

Power Dissipation Rating Per Section In Watts:

2.0 free air all sections

Function Conformity Per Section:

All sections independent linearity

Fixed Tap Quantity Per Section:

1 1st section

Tap Location Tolerance Per Section:

-250.0/+250.0 ohms 1st section

Resistance Tolerance Per Section In Percent:

-10.0/+10.0 all sections

Actuator Travel Control Feature:

Stops

Tap Location From Ccw Terminal Per Section In Ohms:

2500.0 1st section

Function Characteristic Per Section:

All sections linear

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

40.0 all sections

Special Features:

50kilohm load resistor on second section wiper

Unpackaged Unit Weight:

168.00 grams

Test Data Document:

03538-7648736 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:

7 turret

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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