

View Online at <https://aerobasegroup.com/nsn/5905-00-727-8304>

Section Quantity:

1

Body Style:

Cylindrical servo mounted

Reliability Indicator:

Not established

Pilot Diameter:

0.9688 inches

Pilot Length:

0.0620 inches

Overall Length:

1.096 inches

Undercut Diameter:

0.9688 inches

Undercut Width:

0.0620 inches

Body Diameter:

1.067 inches

Shaft Diameter:

0.1248 inches

Shaft Length:

0.562 inches

Body Length:

0.753 inches

Overall Diameter:

1.203 inches

Mounting Lip Diameter:

1.0670 inches

Mounting Lip Depth:

0.0620 inches

Undercut Diameter:

0.090 inches

Shaft Style:

Round, stepped

Shaft Bearing Type:

Ball

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

360.0

Maximum Starting Torque:

0.50 inch-ounces

Maximum Running Torque:

0.50 inch-ounces

Shaft End Play:

0.00250 inches

Shaft Runout:

0.001 inches

Lateral Runout:

0.0015 inches

Pilot Diameter Runout:

0.00150 inches

Shaft Radial Play:

0.002 inches

Undercut Length:

0.438 inches

Terminal Location:

Rear end

Mounting Method:

Clamp ring

Electrical Resistance Per Section:

24.000 kilohms 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:

125.0 single section

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

-50.0/+50.0 single section

Power Dissipation Rating Per Section In Watts:

3.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

24 single section

Tap Location Tolerance Per Section:

-2.0/+2.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-0.0/+0.0 single section

Actuator Travel Control Feature:

Continuous motion

Function Characteristic Per Section:

Single section linear

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

65.0 single section

Test Data Document:

97424-5839k79 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:

25 wire lead

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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