

View Online at <https://aerobasegroup.com/nsn/5905-00-945-9527>

Section Quantity:

1

Body Style:

Cylindrical friction mounted

Reliability Indicator:

Not established

Overall Length:

2.875 inches

Body Diameter:

1.875 inches

Shaft Diameter:

Between 0.2494 inches and 0.250 inches

Shaft Length:

Between 0.594 inches and 0.656 inches

Body Length:

2.250 inches

Overall Diameter:

2.375 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

1.20 inch-ounces

Maximum Stop Torque:

1000.00 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

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Clamp ring

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

50.0 kilohms single section

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

1805.0 single section

Rotary Actuator Travel In Angular Deg:

3610.0

Function Conformity Tolerance Per Section:

-0.09/+0.09 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:

-30.0/+30.0 single section

Power Dissipation Rating Per Section In Watts:

5.0 free air single section

Function Conformity Per Section:

Single section independent linearity

Fixed Tap Quantity Per Section:

1 single section

Tap Location Tolerance Per Section:

-10.0/+10.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Clutch

Function Characteristic Per Section:

Single section graph

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

40.0 single section

Test Data Document:

92220-r080-601-2043 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:

4 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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