

View Online at <https://aerobasegroup.com/nsn/5905-00-883-0370>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

2.874 inches

Body Diameter:

1.812 inches

Shaft Diameter:

0.249 inches

Shaft Length:

0.812 inches

Mounting Bushing Length:

0.312 inches

Body Length:

2.062 inches

Overall Diameter:

2.124 inches

Shaft Style:

Round, slotted

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

3600.0

Maximum Starting Torque:

2.00 inch-ounces

Maximum Running Torque:

1.50 inch-ounces

Nonturn Device Location:

At 12 oclock

Nonturn Device Radius:

Between 0.577 inches and 0.587 inches

Shaft End Play:

0.005 inches

Shaft Runout:

0.001 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.003 inches

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thread Qty Per Inch (tpi):

32.0

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Standard bushing

Features Provided:

Nonmetallic shaft

Electrical Resistance Per Section:

1.0 kilohms single section

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

45.0 single section and 90.0 single section and 135.0 single section and 180.0 single section and 225.0 single section and 270.0 single section and 315.0 single section and 360.0 single section

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.05/+0.05 single section

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

80.0 single section

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

-100.0/+100.0 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:

8 single section

Tap Location Tolerance Per Section:

-5.0/+5.0 degrees angular rotation single section

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

Single section linear

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

40.0 single section

Test Data Document:

10001-59a37c539 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:

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

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