

View Online at <https://aerobasegroup.com/nsn/5905-00-173-9171>

Section Quantity:

2

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Overall Length:

2.141 inches

Terminal Length:

0.328 inches

Body Diameter:

1.266 inches

Shaft Diameter:

Between 0.248 inches and 0.250 inches

Shaft Length:

0.875 inches

Mounting Bushing Length:

0.500 inches

Body Length:

1.156 inches

Overall Diameter:

1.484 inches

Shaft Style:

Round

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

312.0

Maximum Starting Torque:

8.00 inch-ounces

Maximum Stop Torque:

192.00 inch-ounces

Nonturn Device Location:

At 3 oclock and at 9 oclock

Nonturn Device Radius:

0.531 inches

Mechanical Backlash In Deg Angular Rotation:

3.0

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Radially positioned over less than half the circumference

Mounting Method:

Standard bushing

Electrical Resistance Per Section:

1.000 megohms 2nd section

Rotary Actuator Travel In Angular Deg:

312.0

Resistance Temperature Characteristic Range Per Section In Percent:

-0.0 to 10.0 -55 degrees celsius single section and -0.0 to 5.0 -25 degrees celsius single section and -10.0 to 2.5 0 degrees celsius single section and -3.5 to 3.5 85 degrees celsius single section and -0.0 to 7.5 120 degrees celsius single section

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

120.0 single section

Power Dissipation Rating Per Section In Watts:

2.25 heat sink single section

Resistance Tolerance Per Section In Percent:

-20.0 to 20.0 2nd section

Actuator Travel Control Feature:

Stops

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

70.0 single section

Standard Taper Curve Per Section:

A single section

Terminal Type And Quantity:

6 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A002a0