NSN 5905-00-081-3626

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View Online at https://aerobasegroup.com/nsn/5905-00-081-3626 **Section Quantity: Body Style:** Cylindrical bushing mounted **Reliability Indicator:** Not established **Body Diameter:** 0.90625 centimeters **Shaft Diameter:** Between 0.2495 inches and 0.2500 inches **Shaft Length:** Between 0.78125 inches and 0.84375 inches **Mounting Bushing Length:** Between 0.3075 inches and 0.3175 inches **Body Length:** 1.625 inches **Shaft Style:** Round **Shaft Bearing Type:** Sleeve **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** Between 3600.0 and 3610.0 **Maximum Starting Torque:** 0.60 inch-ounces **Maximum Running Torque:** 0.60 inch-ounces **Maximum Stop Torque:** 480.00 inch-ounces **Nonturn Device Location:** At 12 oclock **Nonturn Device Radius:** Between 0.245 inches and 0.255 inches **Shaft End Play:** 0.007 inches **Shaft Runout:** 0.0005 inches **Shaft Radial Play:**

0.003 inches **Fragility Factor:** Moderately rugged

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Screw Thread Diameter:

Between 0.370 inches and 0.380 inches

Screw Thread Series Designator:

Unef

Screw Thready Qty Per Inch (tpi):

32.0

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Standard bushing

Features Provided:

Humidity proof

Cubic Measure:

4.3346616 cubic inches

Electrical Resistance Per Section:

10.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

Between 3600.0 and 3610.0

Function Conformity Tolerance Per Section:

-0.50/+0.50 single section

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

85.0 single section

Power Dissipation Rating Per Section In Watts:

2.0 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-5.0/+5.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

7 oclock all primaries

Tempurature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:

-130.0/+130.0 single section

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

40.0 single section

Precious Material And Location:

Terminal surfaces gold

Precious Material:

Gold

Test Data Document:

50222-175910 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:

3 tab, solder lug

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Shelf	Life:
N/a	

Unit Of Measure:

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Demilitarization:

No

Fiig:

A002a0