

View Online at <https://aerobasegroup.com/nsn/5905-01-316-8946>

Section Quantity:

1

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Body Diameter:

0.860 mils and 0.900 centimeters

Shaft Diameter:

Between 0.2495 inches and 0.2498 inches

Shaft Length:

Between 0.480 inches and 0.520 inches

Mounting Bushing Length:

Between 0.290 inches and 0.330 inches

Body Length:

Between 0.980 inches and 1.020 inches

Shaft Style:

Round, slotted

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:

96.00 inch-ounces

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.005 inches

Pilot Diameter Runout:

0.002 inches

Shaft Radial Play:

0.003 inches

Mechanical Backlash In Deg Angular Rotation:

1.0

Fragility Factor:

Moderately rugged

End Application:

5840-01-020-5631 radar set

Screw Thread Diameter:

0.375 inches

Screw Thread Series Designator:

Unef

Screw Thread Qty Per Inch (tpi):

32.0

Terminal Location:

Longitudinally positioned on the circumference

Mounting Method:

Standard bushing

Features Provided:

Humidity proof

Cubic Measure:

0.608 cubic inches

Electrical Resistance Per Section:

30.0 percent, rated amperes c and better flooring

Rotary Actuator Travel In Angular Deg:

3600.0

Function Conformity Tolerance Per Section:

-0.20/+0.20 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:

2.0 7th secondary quality

Function Conformity Per Section:

Single section independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 single section

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

7 oclock all primaries

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

70.0 single section

Precious Material And Location:

Terminal surfaces gold

Precious Material:

Gold

Test Data Document:

97942-579r898 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

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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