

View Online at <https://aerobasegroup.com/nsn/5905-01-339-3180>

Section Quantity:

2

Body Style:

Cylindrical bushing mounted

Reliability Indicator:

Not established

Body Diameter:

0.906 centimeters

Shaft Diameter:

Between 0.120 inches and 0.130 inches

Shaft Length:

Between 1.219 inches and 1.281 inches

Mounting Bushing Length:

Between 0.230 inches and 0.270 inches

Body Length:

2.205 inches

Shaft Style:

Round, slotted

Shaft Bearing Type:

Sleeve

Actuator Type:

Single shaft

Effective Electrical Rotation In Deg Angular Rotation:

Between 1800.0 and 1804.0

Maximum Starting Torque:

0.90 inch-ounces

Maximum Running Torque:

0.70 inch-ounces

Maximum Stop Torque:

48.00 inch-ounces

Nonturn Device Location:

At 12 oclock

Nonturn Device Radius:

Between 0.307 inches and 0.317 inches

Shaft End Play:

0.005 inches

Shaft Runout:

0.002 inches

Lateral Runout:

0.002 inches

Pilot Diameter Runout:

0.001 inches

Shaft Radial Play:

0.002 inches

Mechanical Backlash In Deg Angular Rotation:

1.0

Fragility Factor:

Moderately rugged

End Application:

4920-01-187-4068 test system, automat

Screw Thread Diameter:

0.250 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:

Humidity proof

Cubic Measure:

1.422 cubic inches

Electrical Resistance Per Section:

10.0 percent, rated amperes c and better

Rotary Actuator Travel In Angular Deg:

Between 1800.0 and 1810.0

Function Conformity Tolerance Per Section:

-1.00/+1.00 all sections

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

125.0 all sections

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

-10.0/+10.0 all sections

Power Dissipation Rating Per Section In Watts:

1.125 7th secondary at 10'30 oclock

Function Conformity Per Section:

All sections independent linearity

Resistance Tolerance Per Section In Percent:

-3.0/+3.0 all sections

Actuator Travel Control Feature:

Stops

Function Characteristic Per Section:

6 oclock all primaries

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

70.0 all sections

Test Data Document:

81349-mil-r-12934 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

Terminal Type And Quantity:

6 tab, solder lug

Specification Data:

81349-mil-r-12934/30 government specification

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fig:

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