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**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**First Flat Length:**

Between 1.938 inches and 2.062 inches

**Flat Height:**

Between 0.211 inches and 0.221 inches

**Body Diameter:**

Between 1.032 inches and 1.156 inches

**Shaft Diameter:**

Between 0.248 inches and 0.251 inches

**Shaft Length:**

Between 2.468 inches and 2.531 inches

**Mounting Bushing Length:**

Between 0.344 inches and 0.390 inches

**Body Length:**

Between 0.468 inches and 0.656 inches

**Shaft Style:**

Round, flatted

**Shaft Bearing Type:**

Sleeve

**Actuator Type:**

Single shaft

**Effective Electrical Rotation In Deg Angular Rotation:**

Between 309.0 and 320.0

**Maximum Starting Torque:**

6.00 inch-ounces

**Maximum Running Torque:**

6.00 inch-ounces

**Maximum Stop Torque:**

128.00 inch-ounces

**Nonturn Device Location:**

At 9 oclock

**Nonturn Device Radius:**

Between 0.515 inches and 0.547 inches

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

Between 0.313 inches and 0.437 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

### Features Provided:

Humidity proof

### Cubic Measure:

0.528 cubic inches

### Electrical Resistance Per Section:

5.0 kilohms single section

### Rotary Actuator Travel In Angular Deg:

Between 309.0 and 320.0

### Resistance Temperature Characteristic Range Per Section In Percent:

-3.0 to 0.0 -55 degrees celsius single section and -5.0 to 10.0 -25 degrees celsius single section and -5.0 to 10.0 25 degrees celsius single section and +0.0 to 3.0 120 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:

2.0 free air single section

### Resistance Tolerance Per Section In Percent:

-10.0 to 10.0 single 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

### Test Data Document:

81349-mil-r-94 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:

3 tab, solder lug

### Specification Data:

81349-mil-r-94/5 government specification

### Shelf Life:

N/a

### Unit Of Measure:

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### Demilitarization:

No

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