

View Online at <https://aerobasegroup.com/nsn/5905-01-348-7084>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

0.500 inches

**Shaft Diameter:**

Between 0.124 inches and 0.126 inches

**Shaft Length:**

0.375 inches

**Mounting Bushing Length:**

0.375 inches

**Body Length:**

0.422 inches

**Shaft Style:**

Round, slotted

**Actuator Type:**

Single shaft

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

Between 290.0 and 300.0

**Maximum Starting Torque:**

3.00 inch-ounces

**Maximum Running Torque:**

3.00 inch-ounces

**Maximum Stop Torque:**

32.00 inch-ounces

**Nonturn Device Location:**

At 10'30 oclock

**Nonturn Device Radius:**

0.245 inches

**Fragility Factor:**

Moderately rugged

**Screw Thread Diameter:**

0.250 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:**

Locking bushing

**Features Provided:**

Humidity proof

**Cubic Measure:**

0.083 cubic inches

**Electrical Resistance Per Section:**

250.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

Between 290.0 and 300.0

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

+0.0/+8.0 -55 degrees celsius single section and +0.0/+6.0 -40 degrees celsius single section and +0.0/+2.5 0 degrees celsius single section and -3.5/+3.5 85 degrees celsius single section and -6.0/+6.0 120 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:**

0.5 free air single section

**Resistance Tolerance Per Section In Percent:**

-10.0/+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

**Special Features:**

Terminal lugs exiting the side of the part body rather than the end

**Test Data Document:**

13499-238-0005 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

**Fig:**

A002a0