

View Online at <https://aerobasegroup.com/nsn/5905-01-150-4460>

**Section Quantity:**

1

**Body Style:**

Cylindrical hole/slot mounted

**Reliability Indicator:**

Not established

**Body Diameter:**

0.937 inches

**Shaft Diameter:**

Between 0.1242 inches and 0.1247 inches

**Shaft Length:**

0.270 inches

**Body Length:**

1.297 inches

**Mounting Hole/stud Circle Diameter:**

0.562 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Ball

**Actuator Type:**

Single shaft

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

305.0

**Maximum Starting Torque:**

0.50 inch-ounces

**Shaft End Play:**

0.00500 inches

**Shaft Runout:**

0.001 inches

**Lateral Runout:**

0.002 inches

**Pilot Diameter Runout:**

0.00100 inches

**Shaft Radial Play:**

0.001 inches

**Screw Thread Diameter:**

0.073 inches

**Screw Thread Series Designator:**

Unc

**Screw Thread Qty Per Inch (tpi):**

64.0

**Mounting Facility Quantity:**

2

**Terminal Location:**

Radially positioned over less than half the circumference

**Mounting Method:**

Threaded hole

**Electrical Resistance Per Section:**

5.580 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

345.0

**Function Conformity Tolerance Per Section:**

-0.15/+0.15 single section

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

125.0 single section

**Power Dissipation Rating Per Section In Watts:**

1.0 free air single section

**Function Conformity Per Section:**

Single section absolute linearity

**Fixed Tap Quantity Per Section:**

1 single section

**Tap Location Tolerance Per Section:**

-10.0/+10.0 ohms single section

**Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

**Actuator Travel Control Feature:**

Stops

**Tap Location From Ccw Terminal Per Section In Ohms:**

150.0 single section

**Function Characteristic Per Section:**

Single section table

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

70.0 single section

**Special Features:**

Gear assembly part n0. 458288-001 assembled on back end of variable resistor

**Test Data Document:**

89305-485289-001 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:**

4 wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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