

View Online at <https://aerobasegroup.com/nsn/5905-01-214-6121>

**Section Quantity:**

1

**Body Style:**

Cylindrical bushing mounted

**Reliability Indicator:**

Not established

**Overall Length:**

1.078 inches

**Body Diameter:**

0.500 inches

**Shaft Diameter:**

0.125 inches

**Shaft Length:**

0.750 inches

**Mounting Bushing Length:**

0.469 inches

**Body Length:**

0.375 inches

**Overall Diameter:**

0.500 inches

**Shaft Style:**

Round

**Shaft Bearing Type:**

Sleeve

**Switch Type:**

Rotary

**Switch Voltage Rating In Volts:**

125.0 and 28.0

**Actuator Type:**

Single shaft

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

248.0

**Maximum Starting Torque:**

13.00 inch-ounces

**Maximum Running Torque:**

13.00 inch-ounces

**Maximum Stop Torque:**

64.00 inch-ounces

**Nonturn Device Location:**

At 10'30 oclock

**Nonturn Device Radius:**

0.122 inches

**Mechanical Backlash In Deg Angular Rotation:**

3.0

**Switch Operating Position:**

Start of rotation

**Switch Contact Arrangement:**

Single pole, single throw, normally open, both positions maintained

**End Application:**

Trainer

**Screw Thread Diameter:**

0.250 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Rear end

**Mounting Method:**

Standard bushing

**Features Provided:**

Switch

**Electrical Resistance Per Section:**

10.000 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

295.0

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

+0.00 to 8.75 -55 degrees celsius single section and +0.000 to 4.375 -25 degrees celsius single section and +0.000 to 3.125 85 degrees celsius single section and +0.000 to 6.875 120 degrees celsius single section

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

170.0 single section

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

0.5 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

**Switch Current Type And Rating In Amps:**

0.500 ac and 1.500 dc

**Standard Taper Curve Per Section:**

X single section

**Terminal Type And Quantity:**

5 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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