

View Online at <https://aerobasegroup.com/nsn/5905-01-224-9585>

**Section Quantity:**

1

**Body Style:**

Rectangular w/bushing

**Reliability Indicator:**

Not established

**Overall Length:**

1.896 inches

**First Flat Length:**

0.250 inches

**Flat Height:**

0.219 inches

**Shaft Diameter:**

Between 0.248 inches and 0.251 inches

**Shaft Length:**

Between 0.834 inches and 0.896 inches

**Mounting Bushing Length:**

Between 0.350 inches and 0.385 inches

**Body Length:**

0.875 inches

**Body Width:**

0.500 inches

**Body Height:**

0.500 inches

**Shaft Style:**

Round, flatted

**Shaft Bearing Type:**

Sleeve

**Switch Type:**

Push-pull

**Switch Voltage Rating In Volts:**

30.0

**Actuator Type:**

Single shaft

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

360.0

**Maximum Starting Torque:**

3.00 inch-ounces

**Maximum Running Torque:**

3.00 inch-ounces

**Maximum Stop Torque:**

48.00 inch-ounces

**Switch Operating Position:**

Any position of rotation travel

**Switch Contact Arrangement:**

Double pole, single throw, one open, one closed

**Fragility Factor:**

Moderately rugged

**End Application:**

Sincgars

**Screw Thread Diameter:**

0.375 inches

**Screw Thread Series Designator:**

Unef

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

32.0

**Terminal Location:**

Right-left adjacent sides

**Mounting Method:**

Standard bushing

**Features Provided:**

Panel seal and shaft seal and switch

**Cubic Measure:**

0.218 cubic inches

**Electrical Resistance Per Section:**

10.0 kilohms single section

**Rotary Actuator Travel In Angular Deg:**

360.0

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

120.0 single section

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

0.25 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:**

0.250 ac

**Standard Taper Curve Per Section:**

C single section

**Test Data Document:**

80063-a3012866 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:**

7 tab, solder lug

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

A002a0