Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2



NSN 5905-01-042-7515 View Online at https://aerobasegroup.com/nsn/5905-01-042-7515 **Section Quantity:** 2 **Body Style:** Rectangular w/bushing **Reliability Indicator:** Not established **Shaft Diameter:** 0.125 inches **Shaft Length:** 1.000 inches **Mounting Bushing Length:** 0.250 inches **Body Length:** 1.500 inches **Body Width:** 

0.625 inches **Body Height:** 0.625 inches

**Undercut Diameter:** 

0.078 inches

**Shaft Style:** 

Round, stepped

Switch Type:

Rotary

**Switch Voltage Rating In Volts:** 

125.0

**Actuator Type:** 

Single shaft

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

285.0

**Switch Operating Position:** 

Start of rotation

**Switch Contact Arrangement:** 

Double pole, single throw, normally open

**Fragility Factor:** 

Moderately delicate

**Undercut Length:** 

0.375 inches

**Screw Thread Diameter:** 

0.250 inches

**Screw Thread Series Designator:** 

Unef

## NSN 5905-01-042-7515

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Screw Thready Qty Per Inch (tpi):
32.0
Terminal Location:
Rear-bottom
Mounting Method:
Standard bushing
Features Provided:
Switch
Electrical Resistance Per Section:
5.0 kilohms all sections
Rotary Actuator Travel In Angular Deg:
300.0
Resistance Tempurature Characteristic Range Per Section In Percent:
+0.0/+5.5 -55 degrees celsius all sections and +0.0/+3.0 -25 degrees celsius all sections and -2.0/+2.0 85 degrees celsius all sections and
+0.0/+4.5 120 degrees celsius all sections
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
120.0 all sections
Power Dissipation Rating Per Section In Watts:
0.5 free air all sections
Resistance Tolerance Per Section In Percent:
-20.0/+20.0 all sections
Actuator Travel Control Feature:
Stops
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
70.0 all sections
Switch Current Type And Rating In Amps:
2.000 ac
Standard Taper Curve Per Section:
A all sections
Terminal Type And Quantity:
10 tab, solder lug
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A002a0