NSN 5905-00-138-4241

Non-wire Wound Variable Resistor - Page 1 of 3



View Online at https://aerobasegroup.com/nsn/5905-00-138-4241 **Section Quantity:** 1 **Body Style:** Cylindrical bushing mounted **Overall Length:** 3.438 inches First Flat Length: 0.437 inches Flat Height: 0.214 inches **Body Diameter:** 1.062 inches **Shaft Diameter:** 0.250 inches **Shaft Length:** 1.125 inches **Mounting Bushing Length:** 0.375 inches **Body Length:** 1.875 inches **Overall Diameter:** 1.274 inches **Shaft Style:** Round, flatted Switch Type: Rotary **Switch Voltage Rating In Volts:** 115.0 **Actuator Type: Dual** concentric **Effective Electrical Rotation In Deg Angular Rotation:** 320.0 **Maximum Starting Torque:** 8.00 inch-ounces **Nonturn Device Location:** At 9 oclock **Nonturn Device Radius:** 0.437 inches **Shaft End Play:** 0.00300 inches

Shaft Runout: 0.005 inches

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Shaft Radial Play:

0.001 inches

Mechanical Backlash In Deg Angular Rotation:

6.0

Switch Operating Position:

Start of rotation

Switch Contact Arrangement:

Single pole, double throw, three positions maintained

Screw Thread Diameter:

0.375 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:

Standard bushing

Features Provided:

Switch

Electrical Resistance Per Section:

1.000 kilohms single section

Rotary Actuator Travel In Angular Deg:

320.0

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

125.0 single section

Tempurature Coefficient Of Resistance Per Section In Ppm Per Deg Celsius:

-250.0 to 250.0 single section

Power Dissipation Rating Per Section In Watts:

1.5 free air single section

Resistance Tolerance Per Section In Percent:

-10.0 to 10.0 single section

Actuator Travel Control Feature:

Stops

Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:

40.0 single section

Switch Current Type And Rating In Amps:

2.000 ac/dc

Standard Taper Curve Per Section:

A single section

Special Features:

Second shaft 0.125 in. Nom dia, 1.563 in. Nom Ig, 0.312 in. Nom flat Ig, 0.094 in. Nom flat h

Terminal Type And Quantity:

3 tab, solder lug and 3 turret

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Shelf	Life:
N/a	

Unit Of Measure:

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Demilitarization:

No

Fiig:

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