

NSN 5905-01-066-1492 Nonprecision Nonwire Wound Variable Resistor - Page 1 of 2 View Online at https://aerobasegroup.com/nsn/5905-01-066-1492 **Section Quantity:** 1 **Body Style:** Cylindrical bushing mounted **Reliability Indicator:** Not established **Body Diameter:** 0.500 inches **Shaft Diameter:** Between 0.120 inches and 0.130 inches **Shaft Length:** Between 0.310 inches and 0.350 inches **Mounting Bushing Length:** 0.250 inches **Body Length:** 0.531 inches **Shaft Style:** Round **Actuator Type:** Single shaft **Effective Electrical Rotation In Deg Angular Rotation:** Between 0.292 and 0.298 **Maximum Starting Torque:** 6.00 inch-ounces **Maximum Running Torque:** 6.00 inch-ounces

# **Maximum Stop Torque:**

48.00 inch-ounces

#### **Nonturn Device Location:**

At 3 oclock and at 10'30 oclock

#### **Nonturn Device Radius:**

0.245 inches

## **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 w/panel seal

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500.000 kilohms single section

**Rotary Actuator Travel In Angular Deg:** 

Between 0.292 and 0.298

# Resistance Tempurature Characteristic Range Per Section In Percent:

-3.0/+0.0 -55 degrees celsius single section and -5.0/+10.0 -25 degrees celsius single section and -5.0/+10.0 25 degrees celsius single section and +0.0/+3.0 120 degrees celsius single section

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

120.0 single section

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

0.5 free air single section

#### **Resistance Tolerance Per Section In Percent:**

-10.0/+10.0 single section

#### **Actuator Travel Control Feature:**

Stops

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

70.0 single section

## **Standard Taper Curve Per Section:**

A single section

# **Terminal Type And Quantity:**

3 tab, solder lug

Shelf Life:

N/a

**Unit Of Measure:** 

Demilitarization:

No

Fiig:

A002a0