Nonprecision Wire Wound Variable Resistor - Page 1 of 2

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# Section Quantity:

1

# Body Style:

Cylindrical bushing mounted

# **Overall Length:**

Between 1.615 inches and 1.630 inches

# Terminal Length:

0.440 inches

# **Body Diameter:**

1.310 inches

# Shaft Diameter:

Between 0.248 inches and 0.251 inches

# Shaft Length:

0.940 inches

# Mounting Bushing Length:

# 0.375 inches

**Body Length:** 

0.670 inches

# **Overall Diameter:**

1.750 inches

# Shaft Style:

Round, slotted

# Actuator Type:

Single shaft

# Effective Electrical Rotation In Deg Angular Rotation:

Between 290.0 and 305.0

# Maximum Starting Torque:

6.00 inch-ounces

# Maximum Stop Torque:

128.00 inch-ounces

# **Nonturn Device Location:**

At 9 oclock

# **Nonturn Device Radius:**

Between 0.516 inches and 0.546 inches

# 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

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Mounting Method:
Standard bushing
Electrical Resistance Per Section:
200.000 ohms single section
Rotary Actuator Travel In Angular Deg:
Between 200.0 and 305.0
Ambient Tempurature In Deg Celsius Per Section At Zero Percent Rated Power:
105.0 single section
Power Dissipation Rating Per Section In Watts:
2.0 free air single section
Resistance Tolerance Per Section In Percent:
-10.0 to 10.0 single section
Actuator Travel Control Feature:
Stops
Criticality Code Justification:
Zzzy
Tempurature Coefficient Of Resistance Wire Per Section In Ppm Per Deg Celsius:
-30.0 to 30.0 single section
Ambient Tempurature In Deg Celsius Per Section At Full Rated Power:
40.0 single section
Standard Taper Curve Per Section:
A single section
Terminal Type And Quantity:
3 tab, solder lug
Reference Number Differentiating Characteristics:
Quality controlled for polaris
Shelf Life:
N/a
Unit Of Measure:
Demilitarization:
No
Fiig:
A002a0