



*Representative photograph, actual product appearance may vary.*

*Due to regional agency approval requirements, some products may not be available in your area.*

*Please contact your regional Honeywell office regarding your product of choice.*

## **381N2.5MEG**

**381 Series Industrial Potentiometer, Conductive Plastic Element, Solder lug Terminals, 1 W Power Rating, 2.5 MOhm Resistance Value**

### **Features**

- Conductive plastic element
- Linear taper
- Rugged construction: Metal case and nickel-plated brass shaft and bushings
- Solder lug terminals

### **Typical Applications**

- Manual controls
- Welding and heating
- Telecommunications

### **Description**

The 381 Series is a 1 watt potentiometer with a conductive plastic element and a metal housing.



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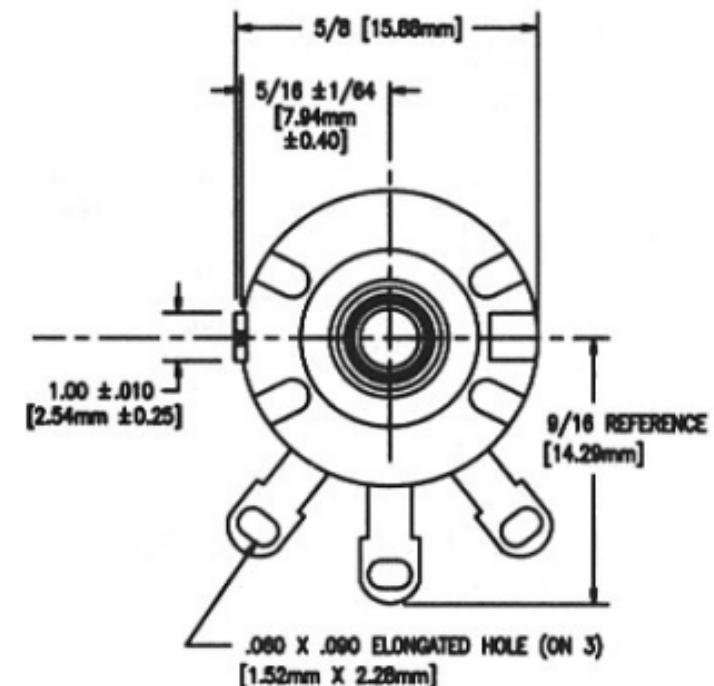
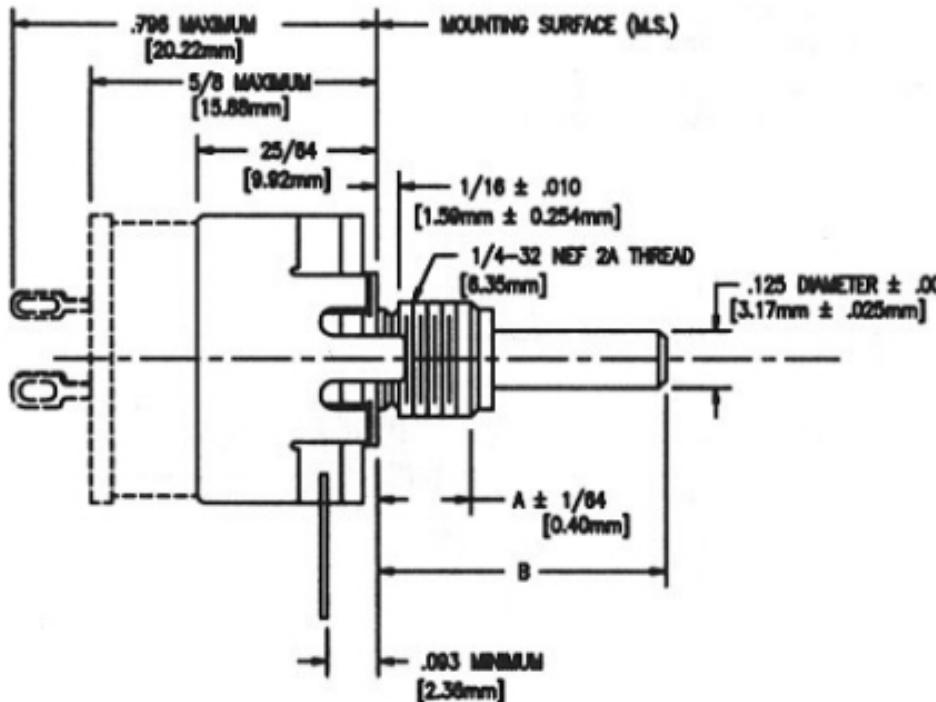
Product Specifications	
<b>Potentiometer Type</b>	Industrial
<b>Element Type</b>	Conductive Plastic
<b>Terminal Type</b>	Solder lug
<b>Power Rating</b>	1 W
<b>Resistance Value</b>	2.5 M $\Omega$
<b>Resistance Tolerance</b>	$\pm 20\%$
<b>Linearity</b>	$\pm 5\%$
<b>Bushing Thread</b>	6,35 mm [0.25 in] x 32 NEF-2A
<b>Bushing length</b>	6,35 mm [0.25 in]
<b>Bushing Type</b>	Standard
<b>Shaft Diameter</b>	3,18 mm [0.125 in]
<b>Shaft length</b>	19,05 mm [0.75 in]
<b>Shaft Ending</b>	Slotted
<b>Body</b>	15.88 mm [0.625 in] diameter, $\pm 0.79$ mm [0.031 in]
<b>Electrical Taper</b>	Linear
<b>Operating Temperature</b>	-40 °C to 120 °C [-40 °F to 248 °F]
<b>Working Voltage (Max.)</b>	350 V
<b>Rotational Life</b>	25000 cycles
<b>Mechanical Rotation</b>	300°
<b>Availability</b>	Global
<b>Series Name</b>	381 Series
<b>UNSPSC Code</b>	4111363300
<b>UNSPSC Commodity</b>	4111363300 Potentiometers

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## For Reference Only mm/in



A & B & C DIMENSIONAL VARIABLE. TOLERANCES NOT SPECIFIED  $\pm$  1/32 [0.80mm]

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Terminals, 1 W Power Rating, 2.5 MOhm Resistance Value

## **⚠ WARNING**

### **PERSONAL INJURY**

DO NOT USE these products as safety or emergency stop devices, or in any other application where failure of the product could result in personal injury.

**Failure to comply with these instructions could result in death or serious injury.**

## **⚠ WARNING**

### **MISUSE OF DOCUMENTATION**

- The information presented in this product sheet (or catalog) is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

**Failure to comply with these instructions could result in death or serious injury.**

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