



## 309NPC5MEG

**309 Series Industrial Potentiometer, Cermet Element, PC Terminals, 1 W Power Rating, 5 MOhm Resistance Value**

*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.*

### Features

- Compact - 12,7 mm [0.5 in] modular size
- Robust nickel-plated brass shaft and bushings
- Cermet element
- Linear taper
- Very stable over the operating temperature
- PC terminals

### Typical Applications

- Manual controls
- Medical equipment
- Telecommunications

### Description

The 309 Series is a low cost potentiometer that offers the temperature stability of a cermet element and a 1 watt power rating in a compact body. PC and solder hook style terminals available.



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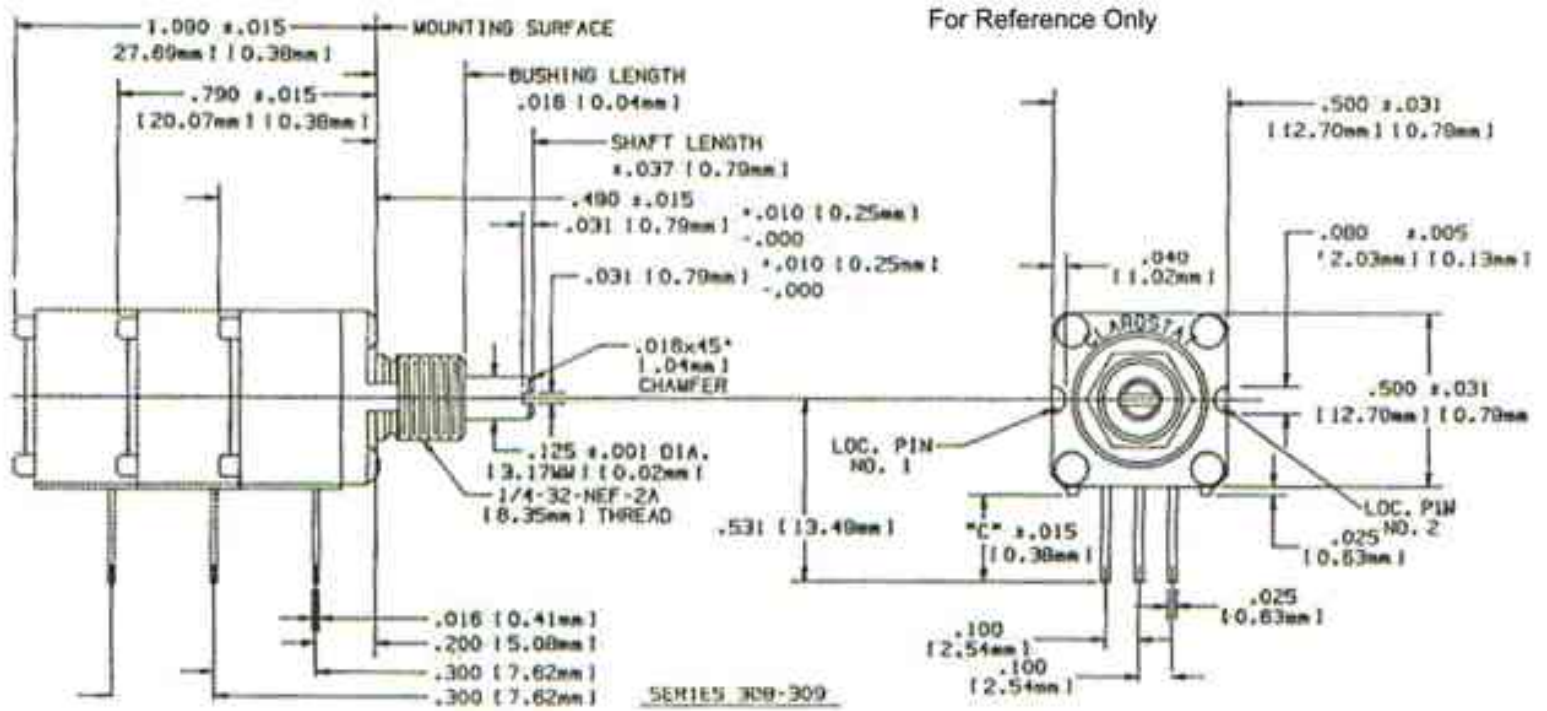
**309 Series Industrial Potentiometer, Cermet Element, PC Terminals, 1 W Power Rating, 5 MOhm Resistance Value**

Product Specifications	
Potentiometer Type	Industrial
Element Type	Cermet
Terminal Type	PC
Power Rating	1 W
Resistance Value	5 MOhm
Resistance Tolerance	± 20 %
Linearity	± 5 %
Bushing Thread	6,35 mm [0.25 in] x 32 NEF-2A
Bushing length	6,35 mm [0.25 in]
Bushing Type	Standard
Shaft Diameter	3,18 mm [0.125 in]
Shaft length	19,05 mm [0.75 in]
Shaft Ending	Slotted
Body	12.7 mm [0.5 in] square, ± 0.79 mm [0.031 in]
Electrical Taper	Linear
Operating Temperature	-40 °C to 150 °C [-40 °F to 302 °F]
Working Voltage (Max.)	350 V
Rotational Life	25000 cycles
Mechanical Rotation	295°
Availability	Global
Series Name	309 Series
UNSPSC Code	4111363300
UNSPSC Commodity	4111363300 Potentiometers

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### **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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