



## 309NPC5K

**309 Series Industrial Potentiometer, Cermet Element, PC Terminals, 1 W Power Rating, 5 kOhm 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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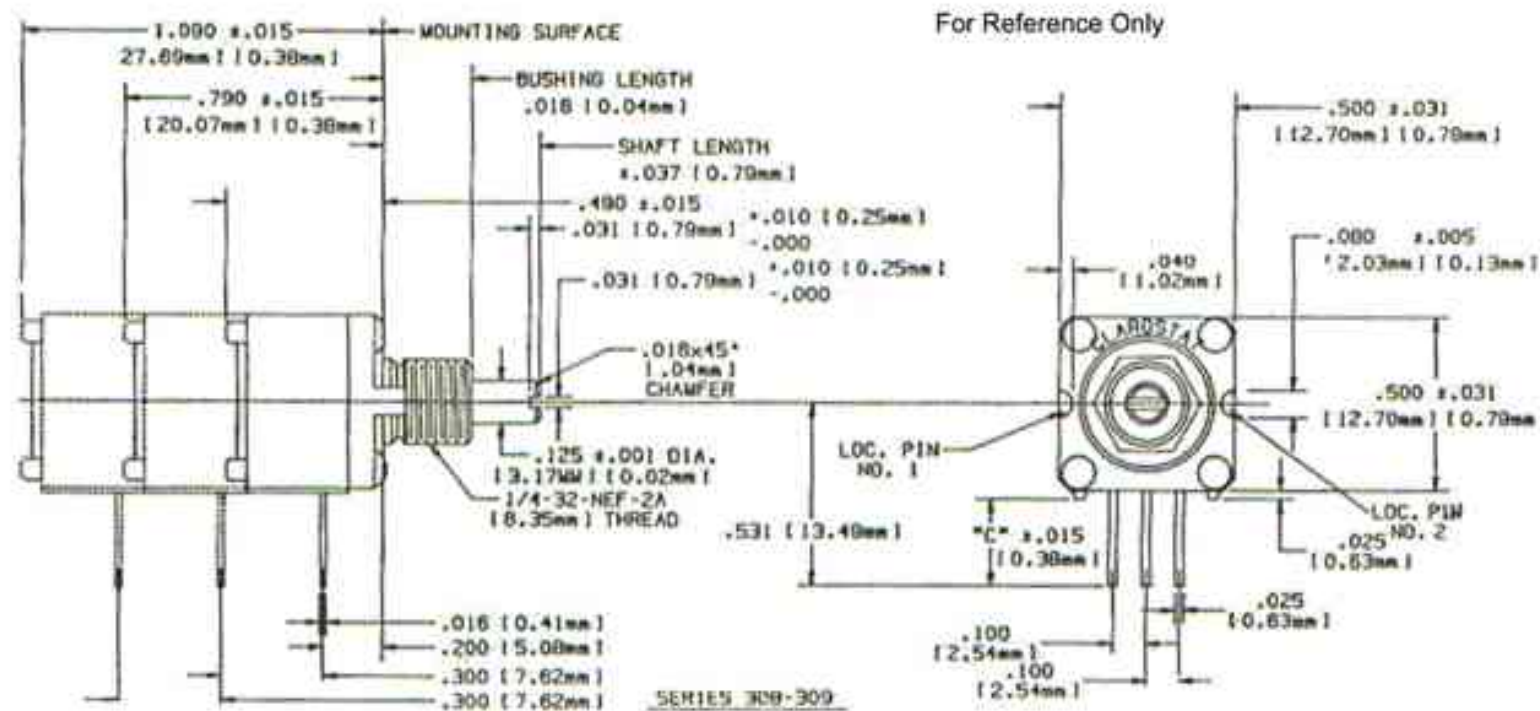
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| Product Specifications |                                               |
|------------------------|-----------------------------------------------|
| Potentiometer Type     | Industrial                                    |
| Element Type           | Cermet                                        |
| Terminal Type          | PC                                            |
| Power Rating           | 1 W                                           |
| Resistance Value       | 5 kOhm                                        |
| Resistance Tolerance   | ± 10 %                                        |
| 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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## 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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