



309NPC100

309 Series Industrial Potentiometer, Cermet Element, PC Terminals, 1 W Power Rating, 100 Ohm 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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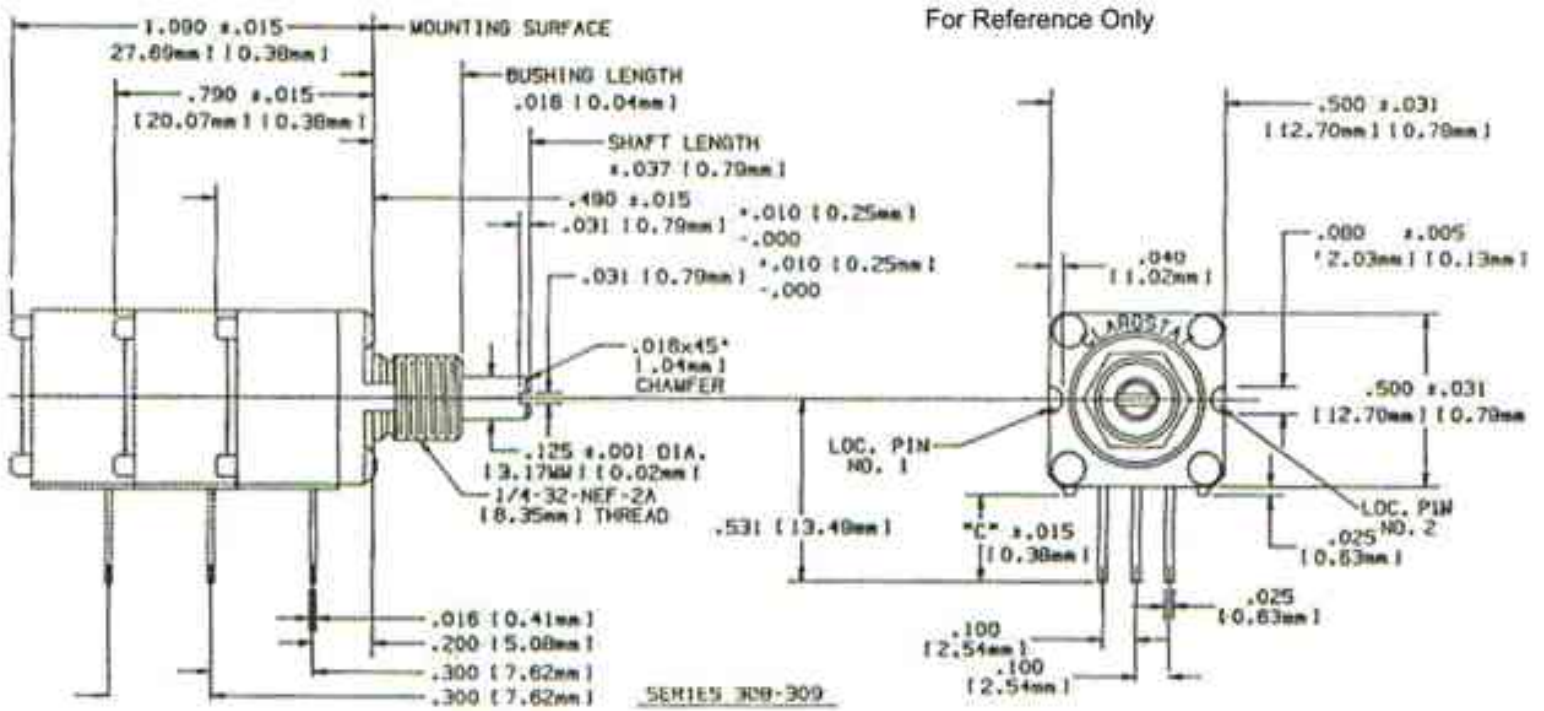
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| Product Specifications | |
|------------------------|---|
| Potentiometer Type | Industrial |
| Element Type | Cermet |
| Terminal Type | PC |
| Power Rating | 1 W |
| Resistance Value | 100 Ohm |
| Resistance Tolerance | ± 10 % |
| Linearity | ± 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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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**

MI SUSE 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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