

FEATURES

- High reliability
- Simple construction (only 3 component parts)
- Over-moulding manufacturing technique
- Plastic or metal clip versions available
- Various fixation means: clip type (inward/outward actuating), locating pins,...

TYPICAL APPLICATIONS

Provides a low cost, highly reliable solution for all position sensing applications:

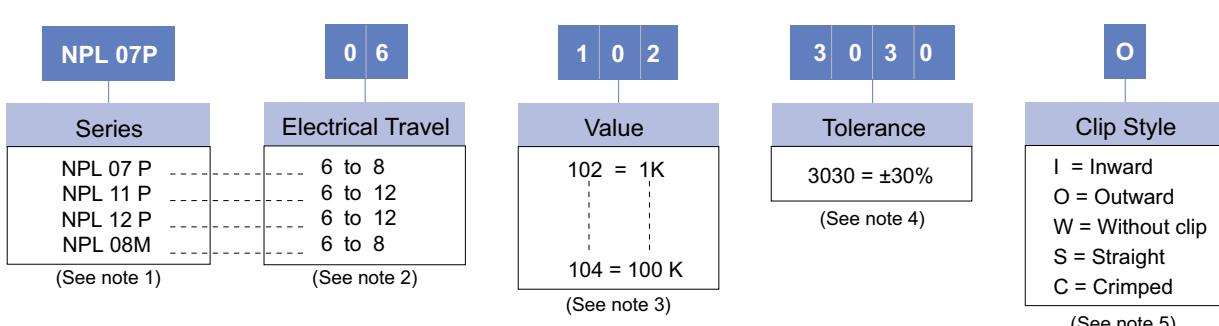
- Automotive seat position memory, central locking, headlamp position and rear-view mirror position sensors.

ELECTRICAL SPECIFICATIONS

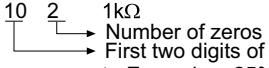
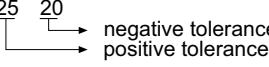
Range of values:	1K to 100K ohms
Tolerance:	± 30%
Max. voltage*:	50 VDC to 100 VDC
Power rating*:	0.20 W @ 50°C
Operating temperature:	-40°C to +105°C
Taper**:	Linear
Relative linearity**:	± 2%
Mechanical Life:	50k cycles

* Depending on model ** Others upon request

HOW TO ORDER

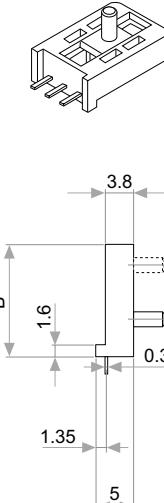
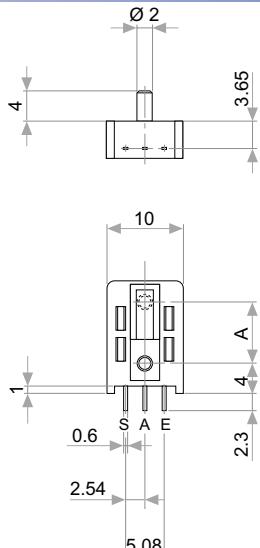
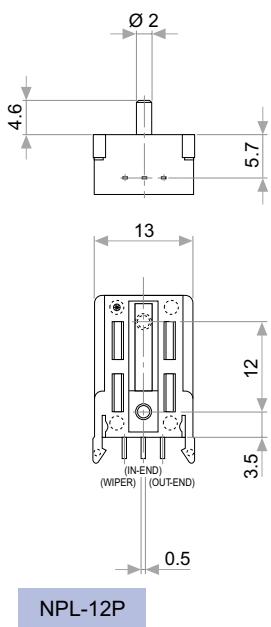


NOTES:

- (1) Suffixes: P = Plastic, M= Metal
- (2) Each NPL series has its own Electrical Travel range as shown.
- (3) Value Example: Code:  1kΩ
First two digits of the value.
- (4) Non standard tolerance, upon request. Example: +25% -20% Code:  negative tolerance positive tolerance
- (5) S and C options only available for NPL08M (metal version)
W option only available for NPL07P and NPL11P
I and O options only available for NPL12P

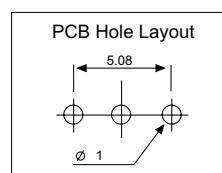
NOTE: The information contained here should be used for reference purposes only.
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PLASTIC VERSIONS



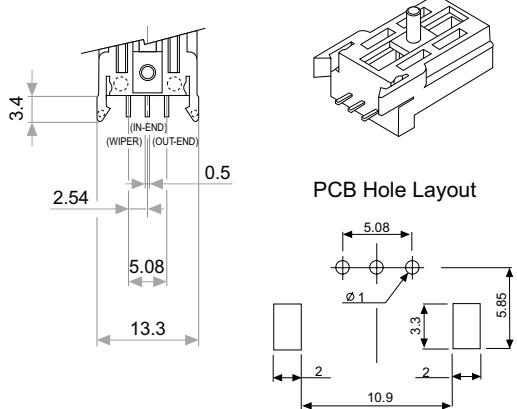
	A	B
NPL-11P	11	19
NPL-07P	7.25	15

All dimensions in mm.

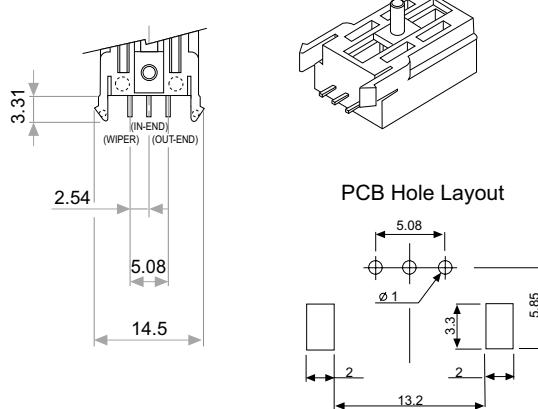


CLIP STYLE DETAILS (FOR NPL12P)

INWARD FACING CLIPS

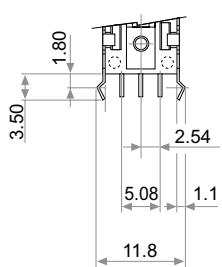


OUTWARD FACING CLIPS

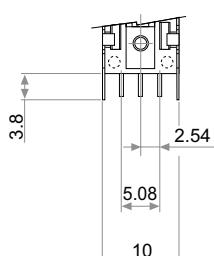


METAL VERSION (NPL08M)

CRIMPED



STRAIGHT



PCB Hole Layout

