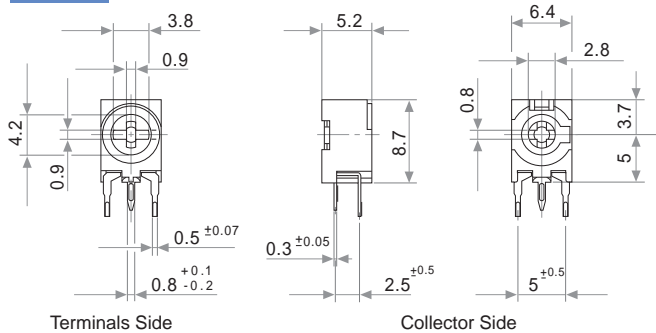


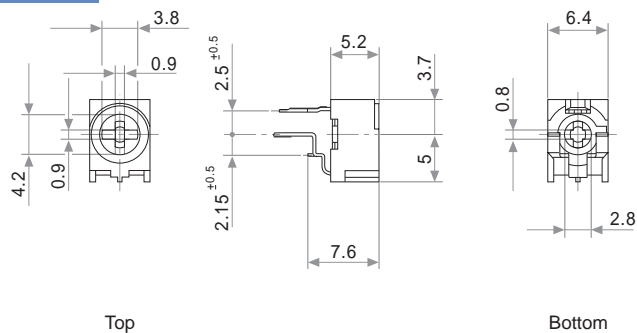


# MOUNTING METHOD

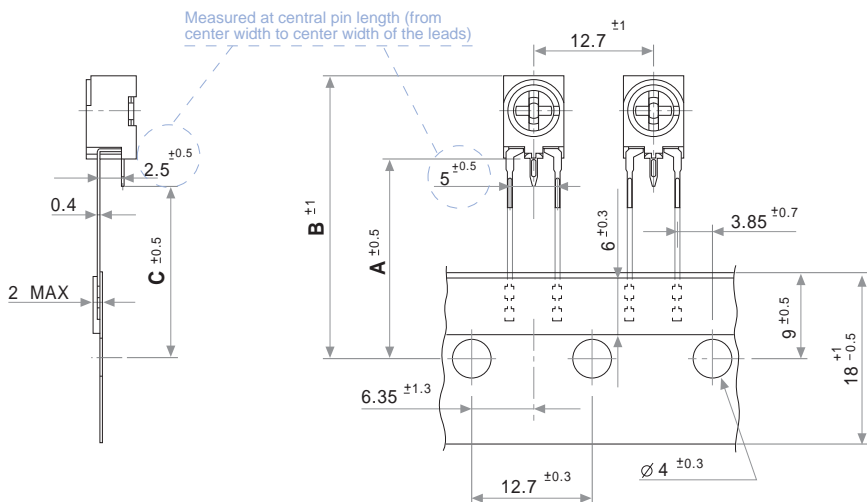
## Type S



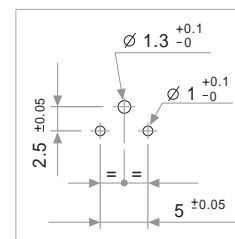
## Type L



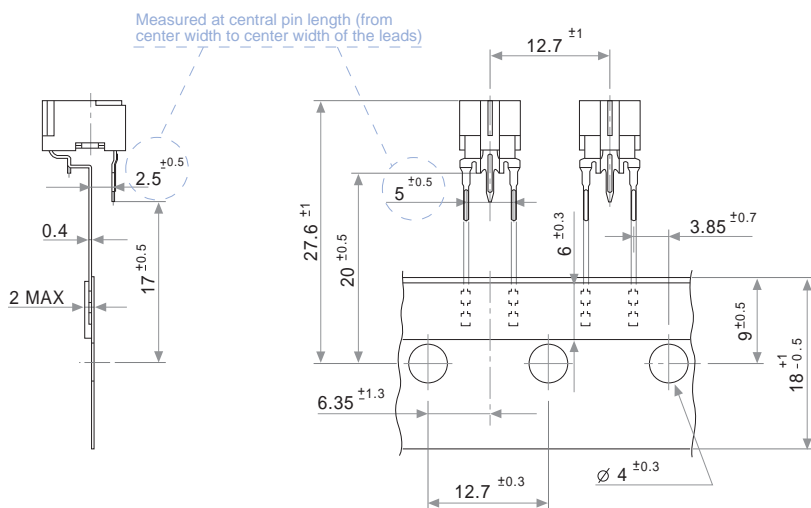
# TAPE



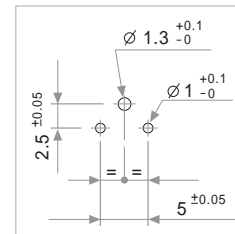
### PCB Hole Layout



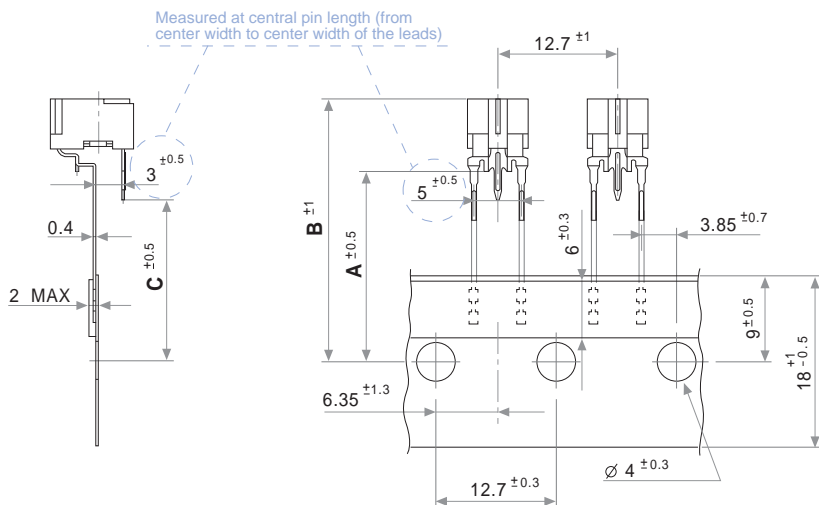
| MODEL            | A    | B    | C    |
|------------------|------|------|------|
| N-6 S 25 T1 / T3 | 20   | 28.7 | 17   |
| N-6 S 25 T2 / T4 | 21.5 | 30.2 | 18.5 |



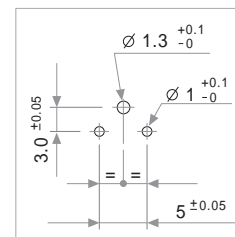
### PCB Hole Layout



## N-6 L 25 T1 / T3

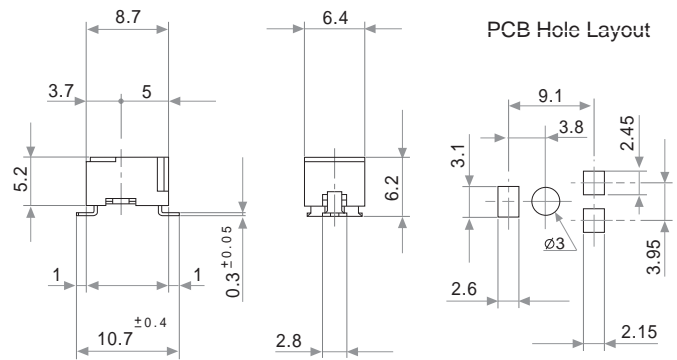
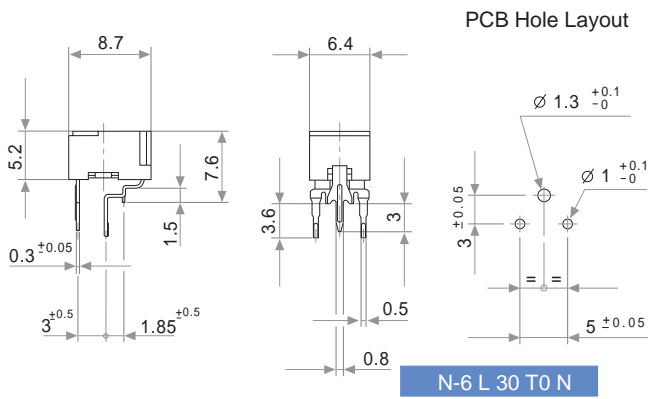
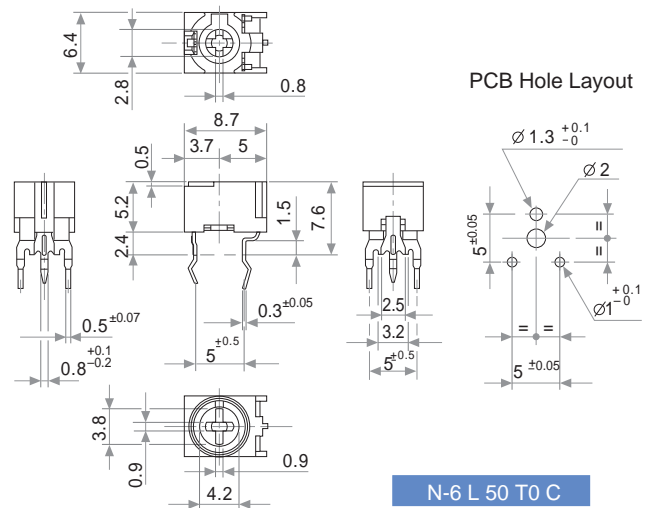
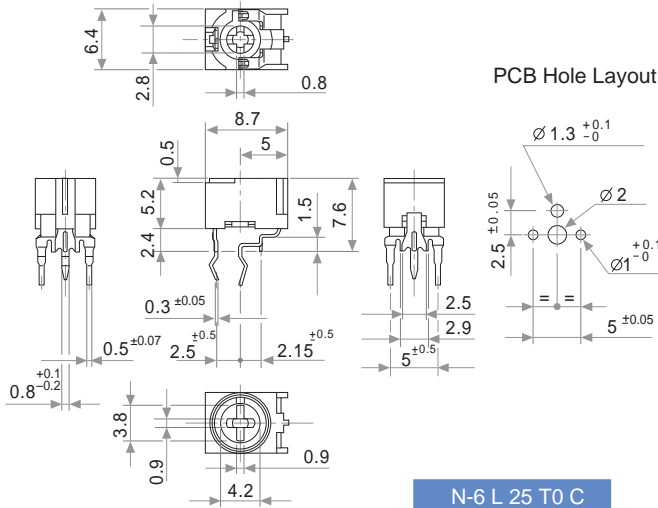


### PCB Hole Layout

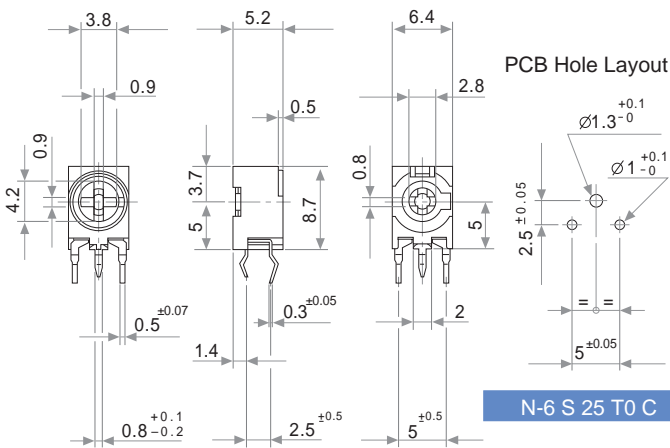


| MODEL            | A    | B    | C    |
|------------------|------|------|------|
| N-6 L 30 T1 / T3 | 20   | 27.6 | 17   |
| N-6 L 30 T2 / T4 | 21.5 | 29.1 | 18.5 |

## BULK TYPE L



## BULK TYPE S

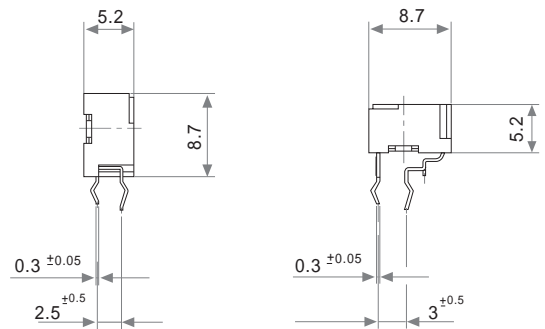


**N-6 L 50 T0 S**

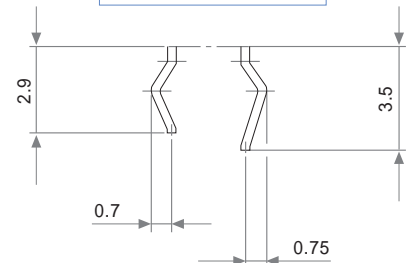
## CRIMPING DETAIL "C"

**Type S**

**Type L**



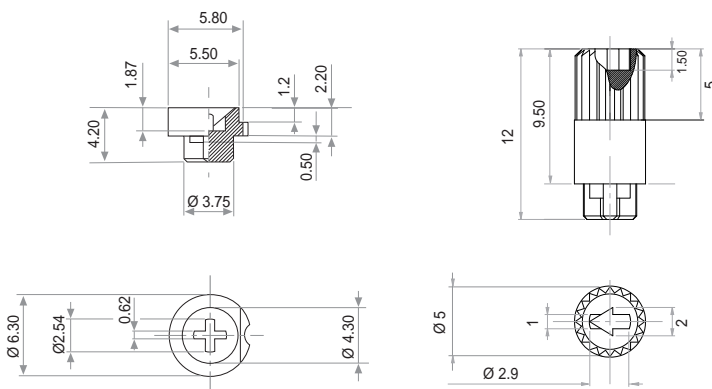
## CRIMPING DETAIL

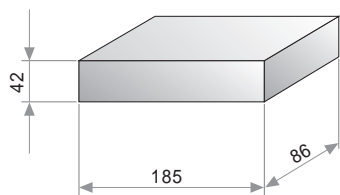


## KNOB Ref.: 5680

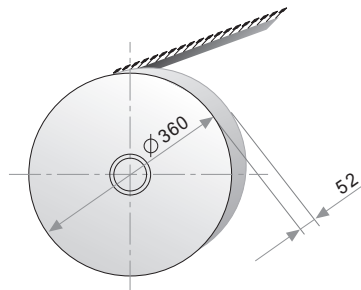
## SHAFT Ref.: 6133

Please order both Knob and Shaft separately. If you wish to use your own custom plastic shaft/knob/actuator please contact Piher for advice about compatible materials.

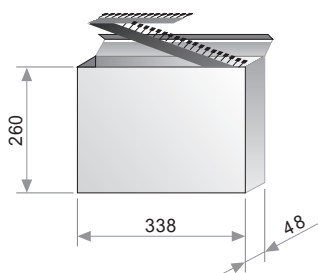




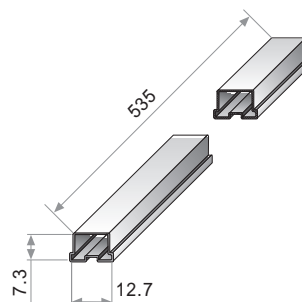
**T0 BULK**  
500 Units per box.



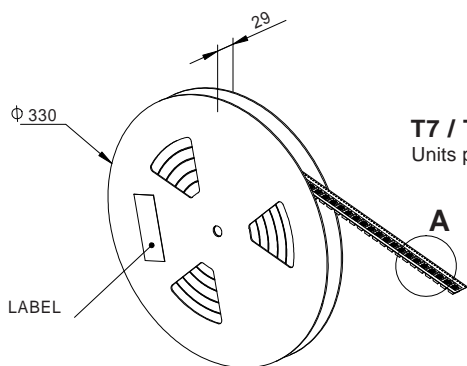
**T1 / T2 TAPE ON REEL**  
Units per Reel according to type:  
S: 1.000  
L: 750



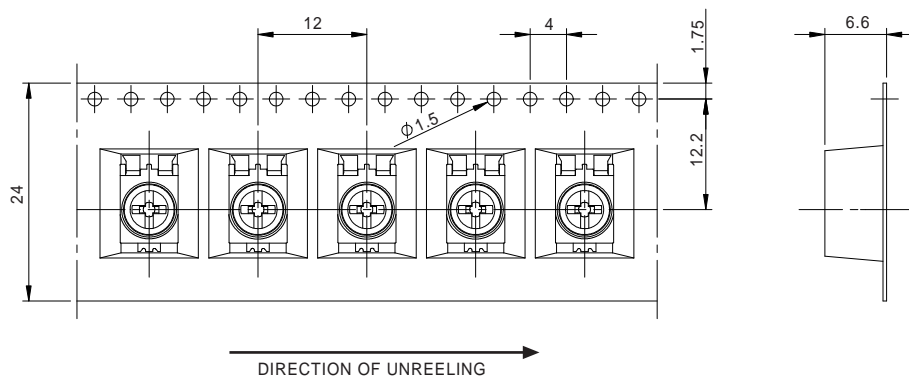
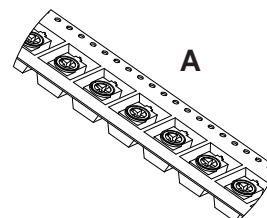
**T3 / T4 AMMOPACK**  
Units per Box according to type.  
S: 1.000  
L: 750



**T5 / T6 MAGAZINE**  
Units per magazine: 80



**T7 / T8 EMBOSSED TAPE**  
Units per reel: 750



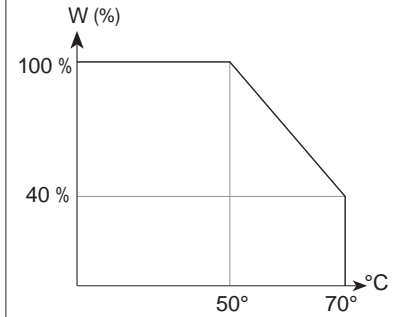
| AVAILABLE COMBINATIONS | TAPE |    |    |    | MAGAZINE |    | EMB.  | BULK |       |
|------------------------|------|----|----|----|----------|----|-------|------|-------|
|                        | T1   | T2 | T3 | T4 | T5       | T6 | T7/T8 | SMD  | CRIMP |
| N-6 S 25               | ●    | ●  | ●  | ●  |          |    |       |      | ●     |
| N-6 L 25               | ●    |    | ●  |    |          |    |       |      | ●     |
| N-6 L 30               | ●    | ●  | ●  | ●  |          |    |       |      | ●     |
| N-6 L 50               | ●    |    | ●  |    | ●        | ●  | ●     | ●    | ●     |

## TESTS

## TYPICAL VARIATIONS

## POWER RATING CURVE

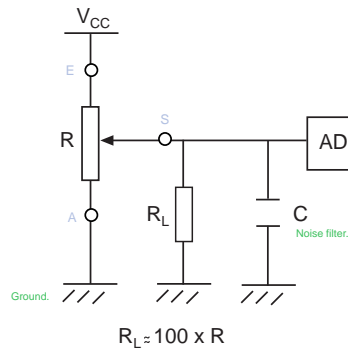
|                                  |                           |  |
|----------------------------------|---------------------------|--|
| ELECTRICAL LIFE                  | 1.000 h. @ 50°C: 0.1 W    | ±10 %  |
| MECHANICAL LIFE (CYCLES)         | 100 @ 10 CPM ...15 CPM    | ±3 % ( $R_n < 1 \text{ M } \Omega$ )               |
| TEMPERATURE COEFFICIENT          | -25°C; +70°C              | ±300 ppm ( $1\text{K} \leq R_n \leq 100\text{K}$ ) |
| THERMAL CYCLING                  | 16 h. @ 85°C; 2h. @ -25°C | ±5 %   |
| DAMP HEAT                        | 500 h. @ 40°C @ 95% HR    | ±5 %   |
| VIBRATION (for each plane X,Y,Z) | 2 h. @ 10 Hz. ... 55 Hz.  | ±2 %   |



NOTE: Out of range values may not comply with these results.

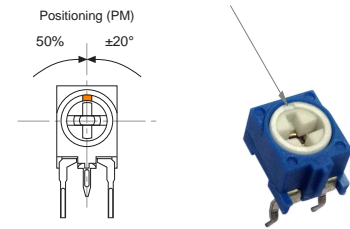
## RECOMMENDED CONNECTIONS

Piher potentiometer's recommended connection circuit for a position sensor or control application. (voltage divider circuit electronic design).



## POSITIONING

This mark in the rotor shows the wiper's position.



(example of 50% of the travel)

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