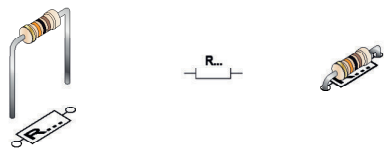


Component side - Komponentenzijde - Côte composants - Bauteilseite - Lado de los componentes

**1 Resistor - Weerstand - Résistance - Widerstand - Resistencia - Motstand - Vastus - Resistenze**

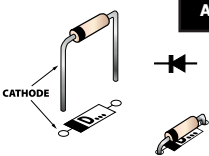
- ◇ R1 ... R4: 10K (brown, black, orange) - (bruin, zwart, oranje) - (marron, noir, orange) - (braun, schwarz, orange) - (brun, svart, orange) - (ruskea, musta, oranssi) - (marrón, negro, naranja) - (marrom, preto, laranja) - (brązowy, czarny, pomarańczowy) - (marrone, nero, arancione)
- ◇ R5: 1K2 (brown, red, red) - (bruin, rood, rood) - (marron, rouge, rouge) - (braun, rot, rot) - (brun, rød, rød) - (ruskea, punainen, punainen) - (marrón, rojo, rojo) - (marrom vermelho vermelho) - (brązowy, czerwony, czerwony) - (marrone, rosso, rosso)
- ◇ R6, R7: 47E (yellow, purple, black) - (geel, paars, zwart) - (jaune, violet, noir) - (gelb, lila, schwarz) - (gul, lila, svart) - (keltainen, violetti, musta) - (amarillo, morado, negro) - (amarelo, roxo, preto) - (żółty, fioletowy, czarny) - (giallo, viola, nero)



**2 Diode**

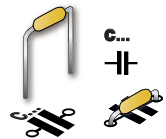
- ◇ D1: BAT85 shottky diode

Watch the polarity!  
Att. la polarité!



**3 Ceramic capacitor**

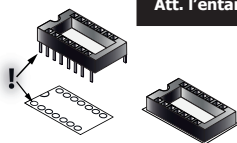
- ◇ C2 ... C5: 100nF



**4 IC socket**

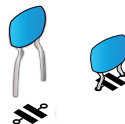
- ◇ IC1: 14 PIN IC socket

Watch the notch!  
Att. l'entaille!



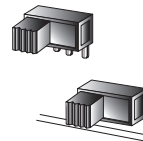
**5 Ceramic multilayer capacitor**

- ◇ C1: 1µF



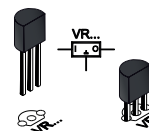
**6 Slide switch**

- ◇ SW1: ON



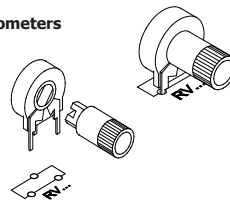
**7 Voltage regulator**

- ◇ VR1: 78L05
- ◇ VR2: LM317LZ



**8 Potentiometers**

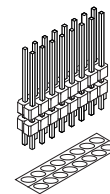
- ◇ RV1: 10K
- ◇ RV2: 470E (500)



**9 Pin header**

- ◇ LCD1: 16 pins pin header

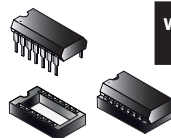
Watch the orientation!  
Att. l'orientation!



**10 IC**

- ◇ IC1: VMK198 (programmed PIC16F1503)

Watch the notch!  
Att. l'entaille!

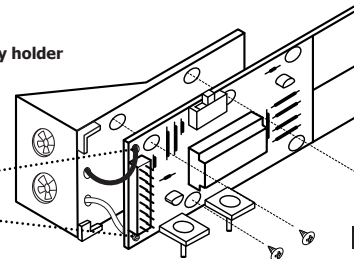


**11 Battery holder**

A Solder:

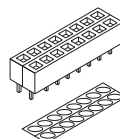
- ◇ Black: -
- ◇ Red: +

B Mount



**12 Female header**

- ◇ LCD display: 16-pole dual row female header



**13 LED buddy**

