



Atelier Junior V

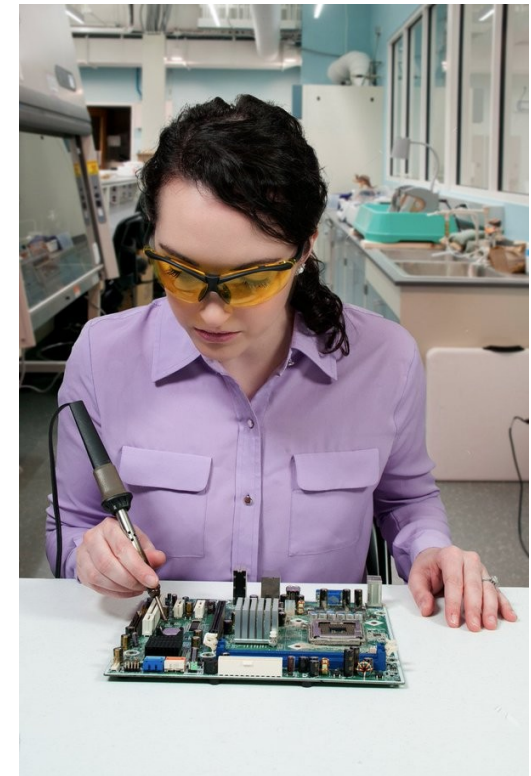
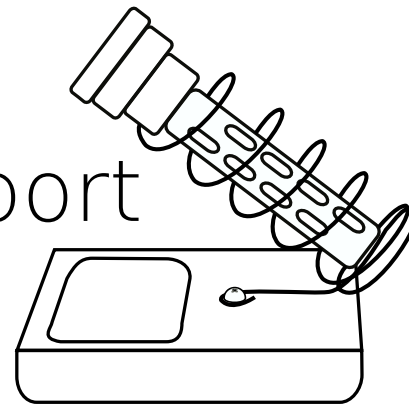
Apprendre
à souder



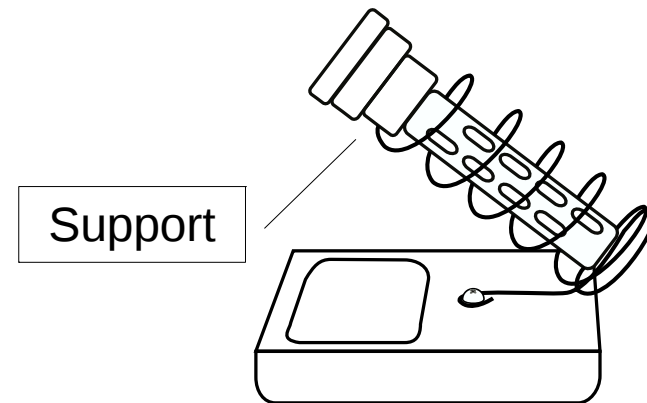
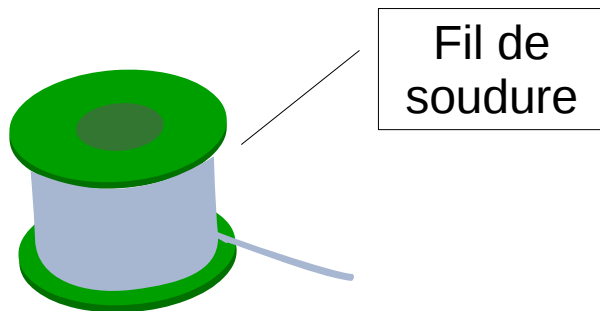
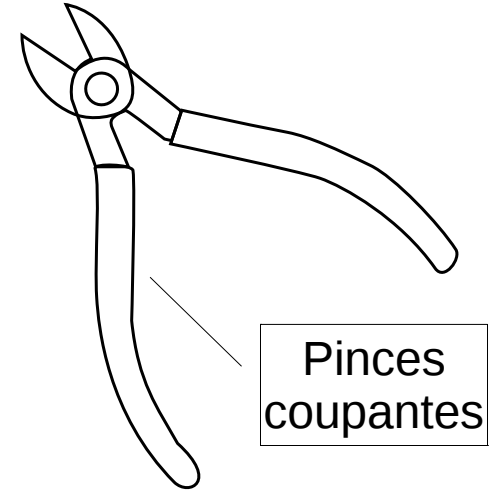
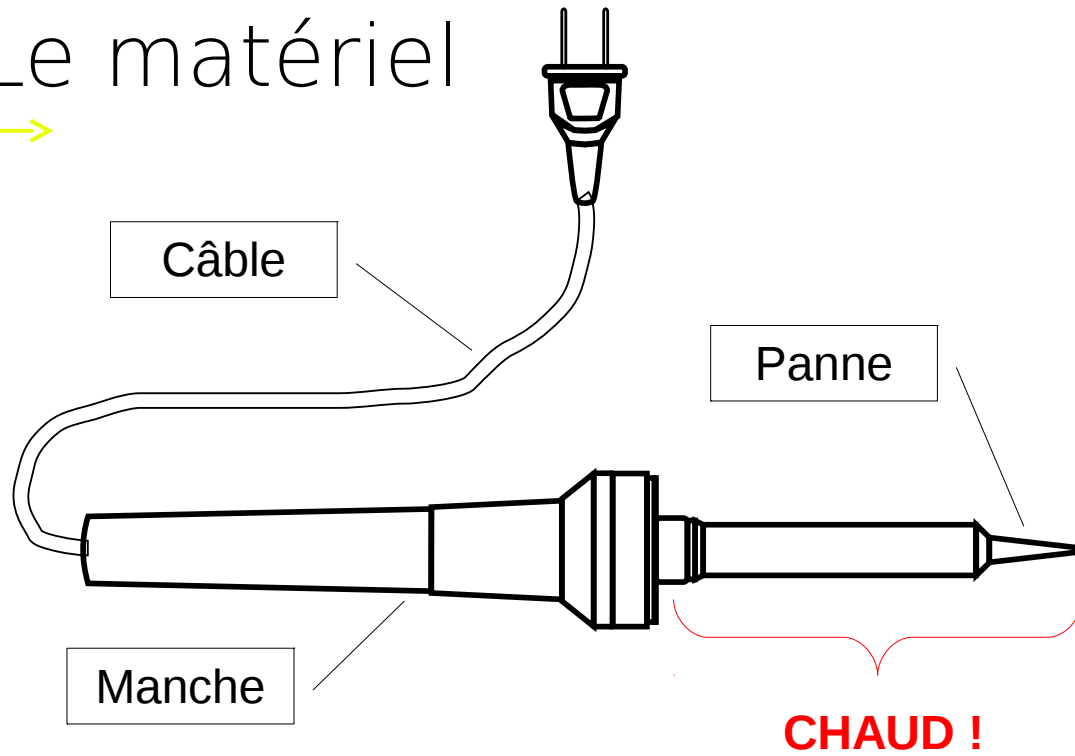
Fondation

Attention !

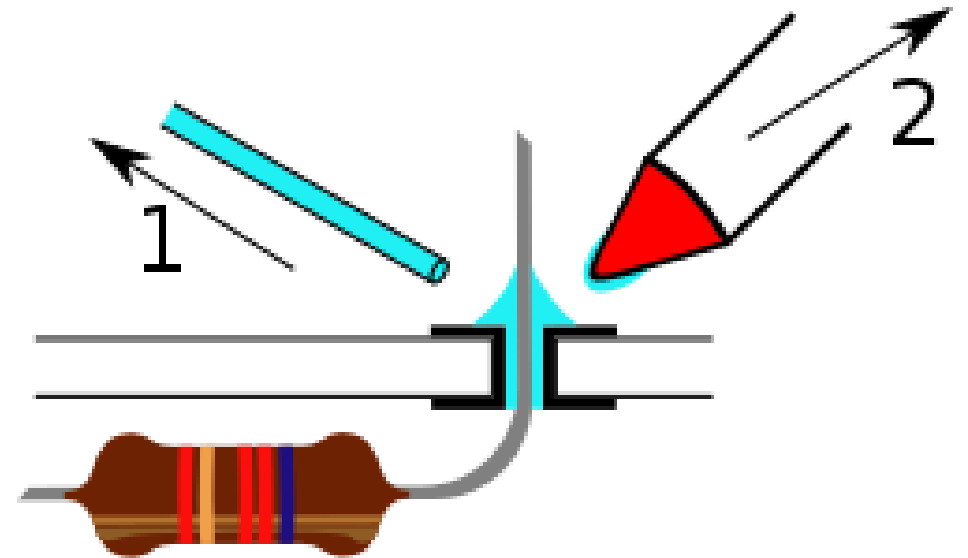
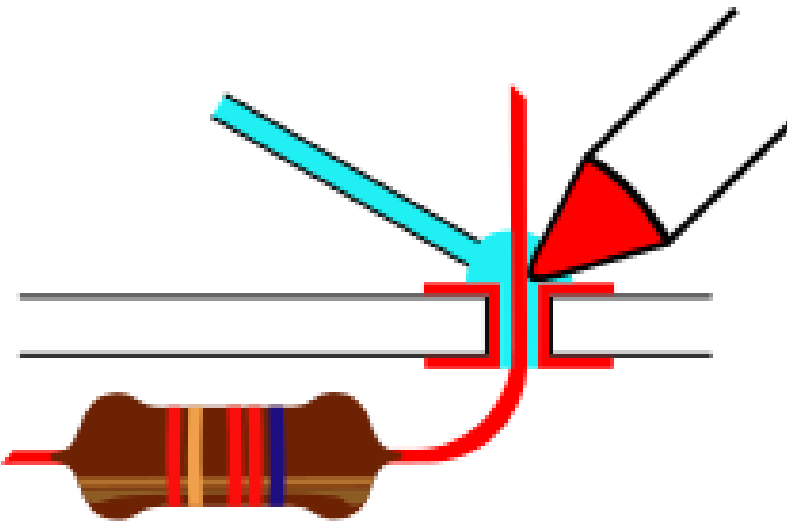
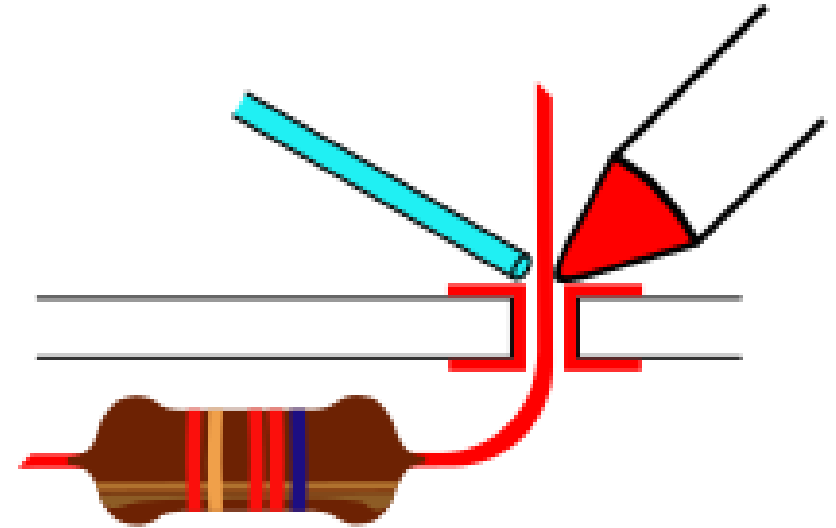
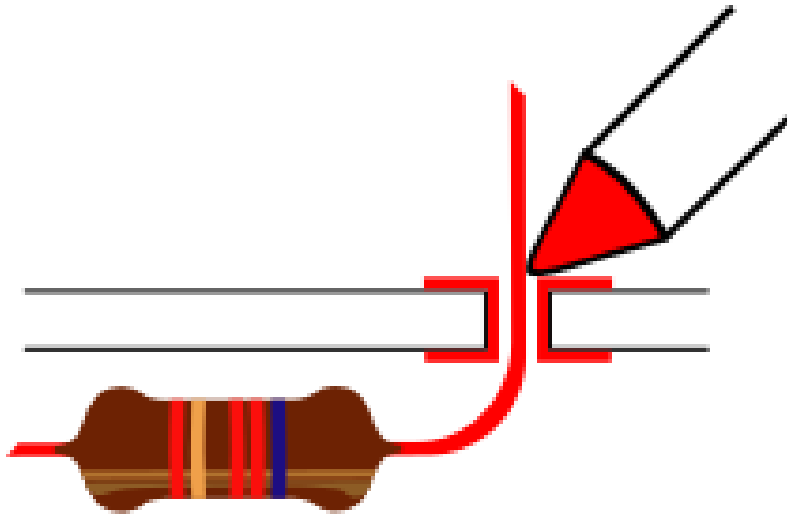
- Un fer à souder est **très très** chaud
~ 350°C à 400°C : plus qu'un four
 - Ça brûle
 - Ça chauffe les objets au contact
- Éviter de respirer les fumées
- Ne pas secouer le fer
- Le poser sur son support



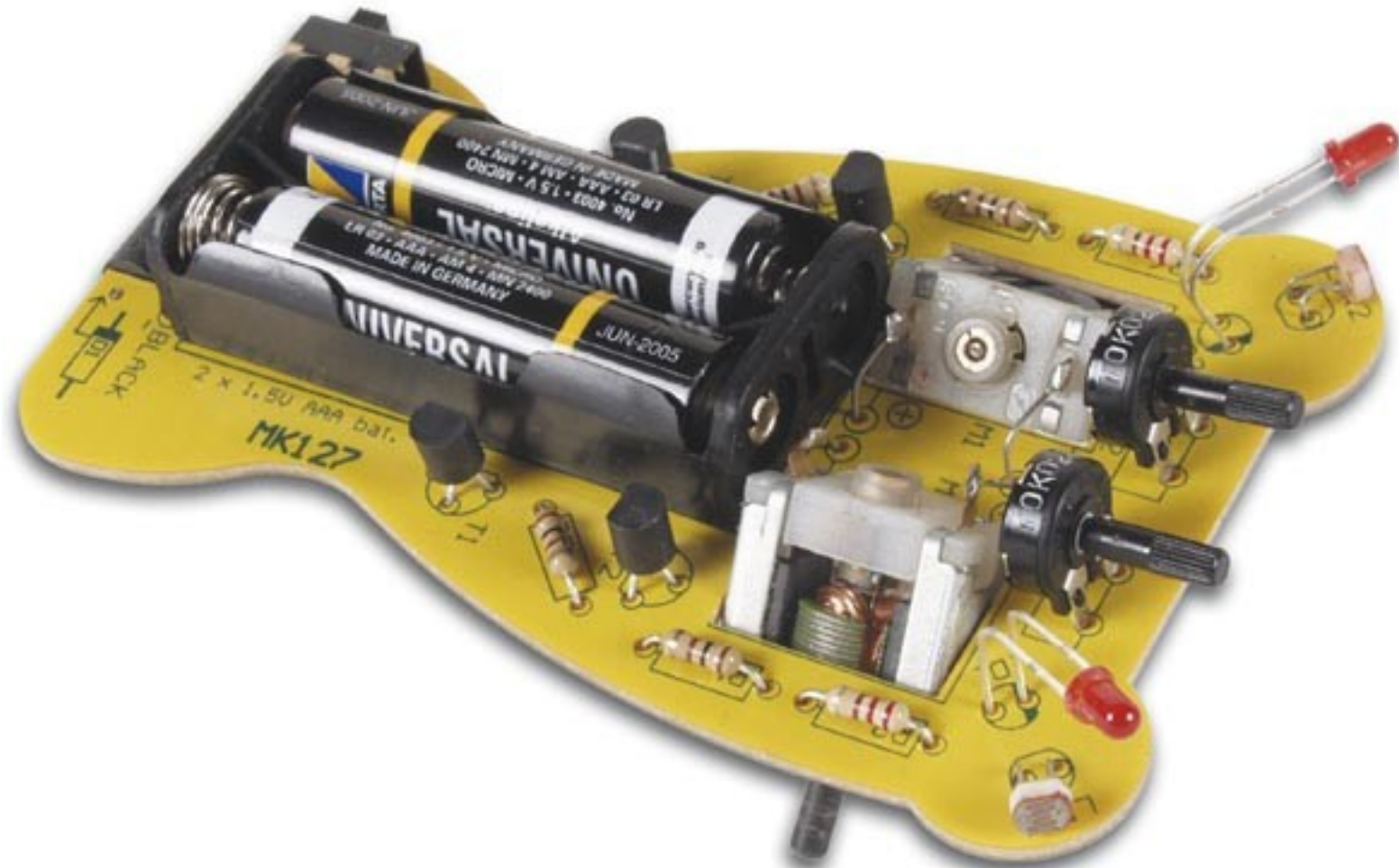
Le matériel



Les étapes

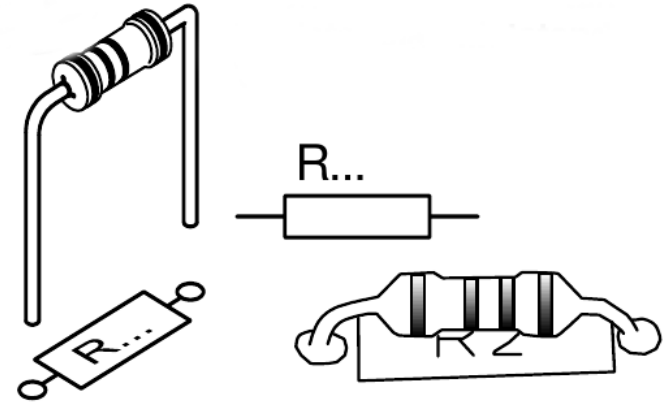
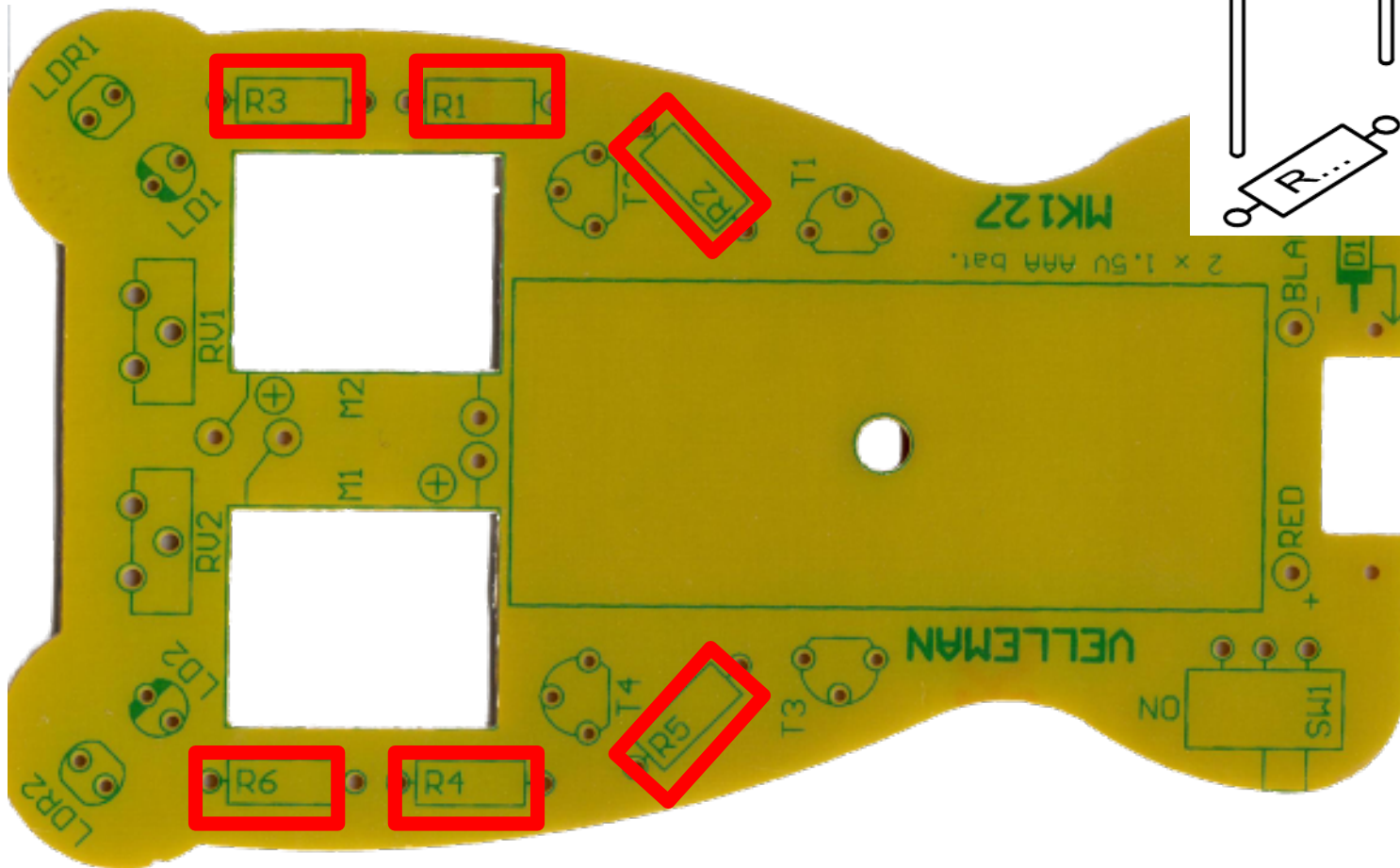


Le Microbug Coureur

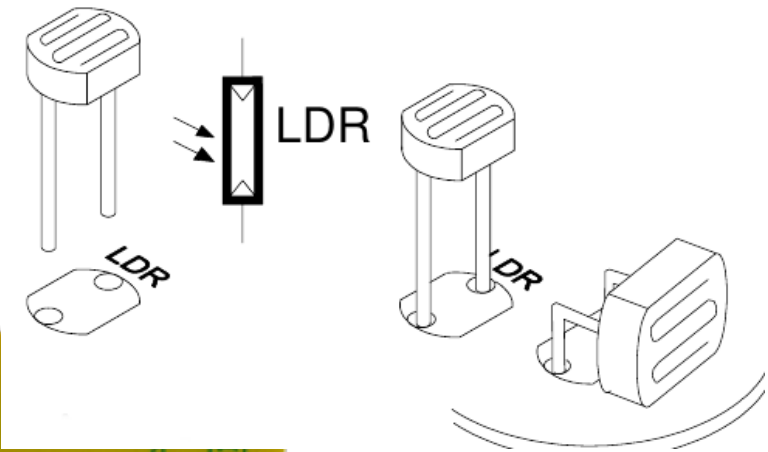
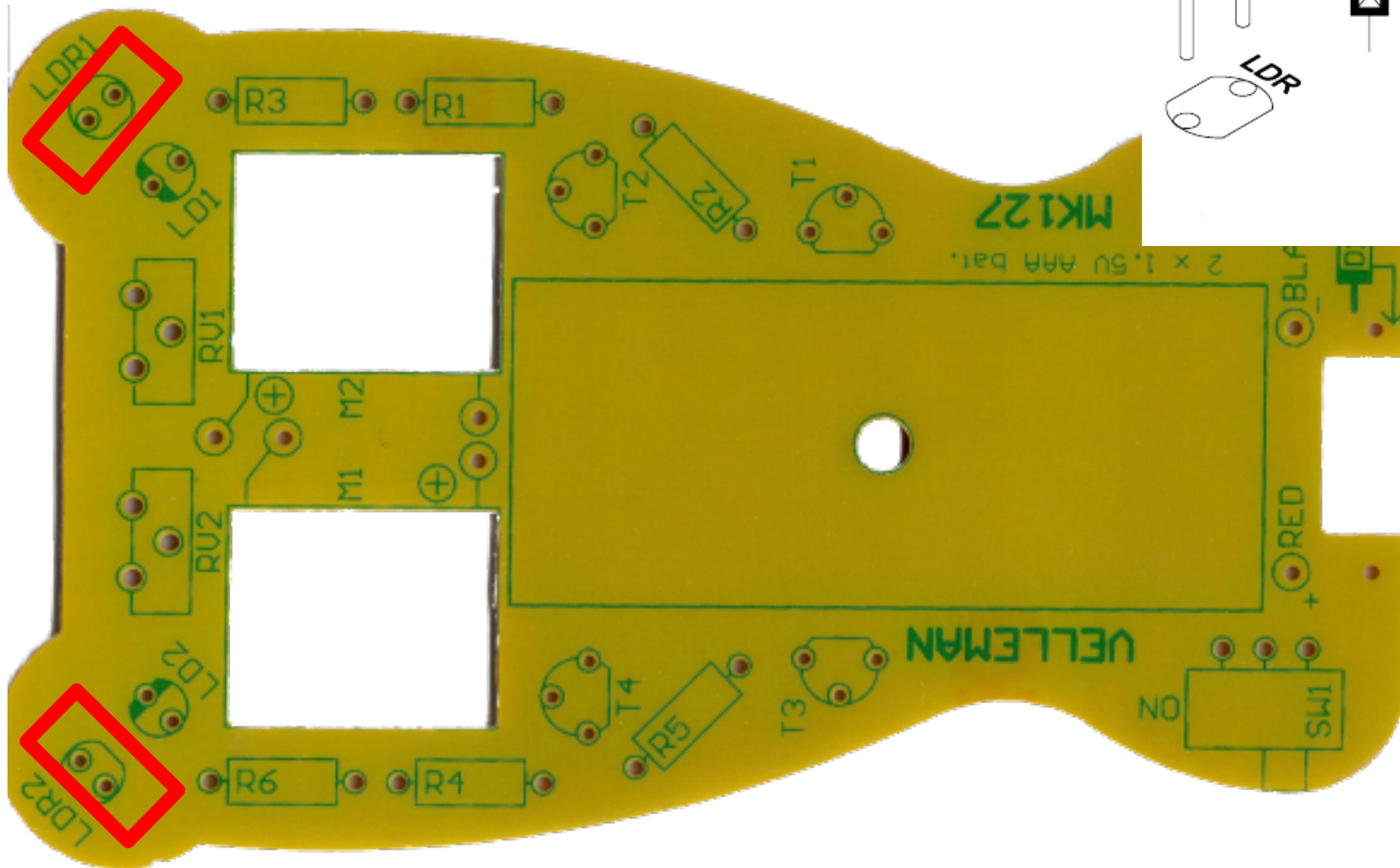


Les résistances

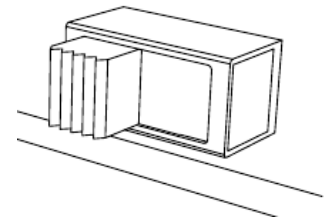
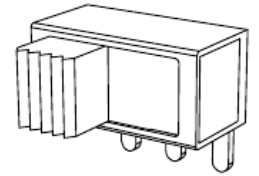
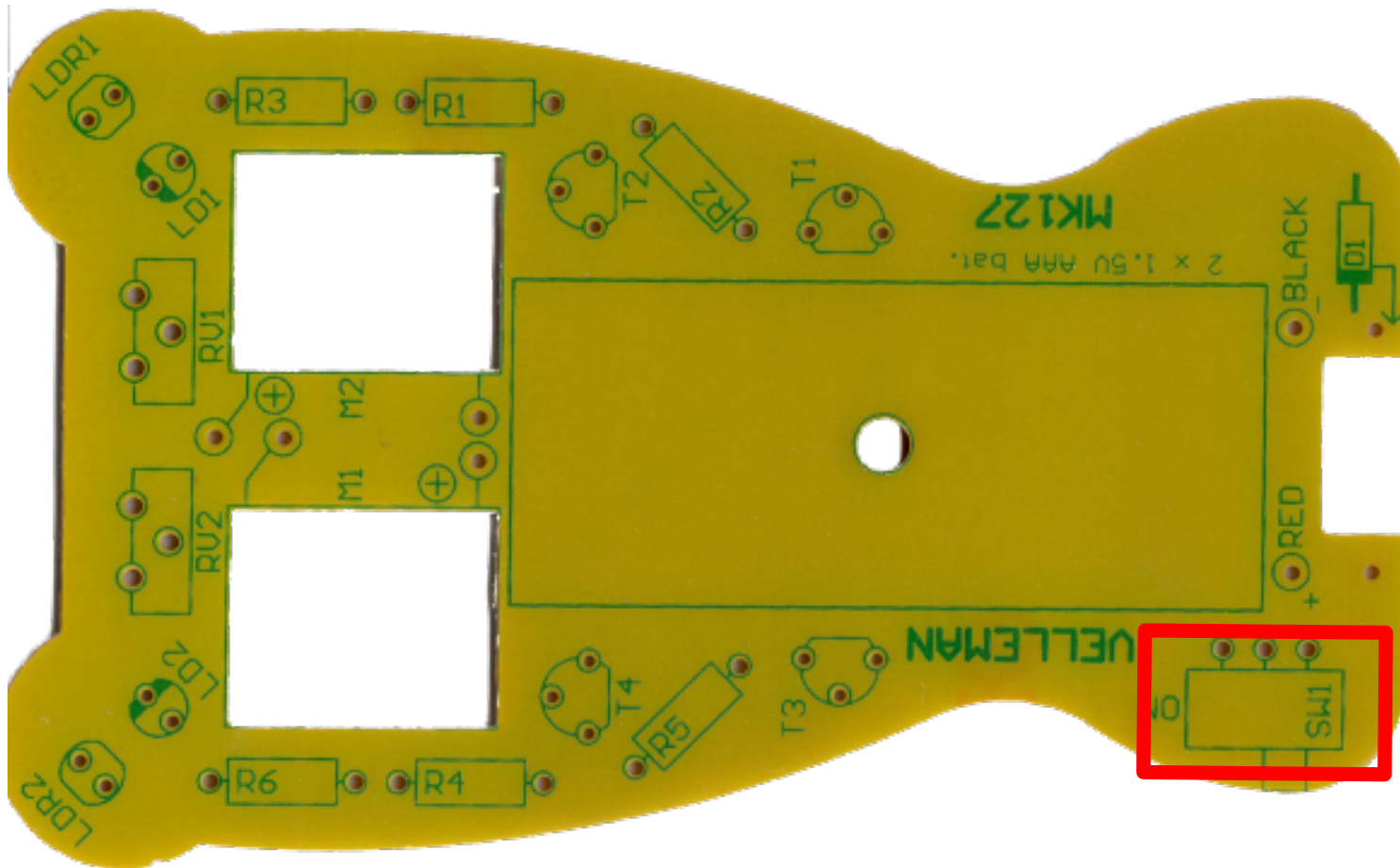
R1, R2, R4, R5 : marron, noir, marron (100Ω)
R3, R6 : rouge, rouge, marron (220Ω)



Les photo-résistances

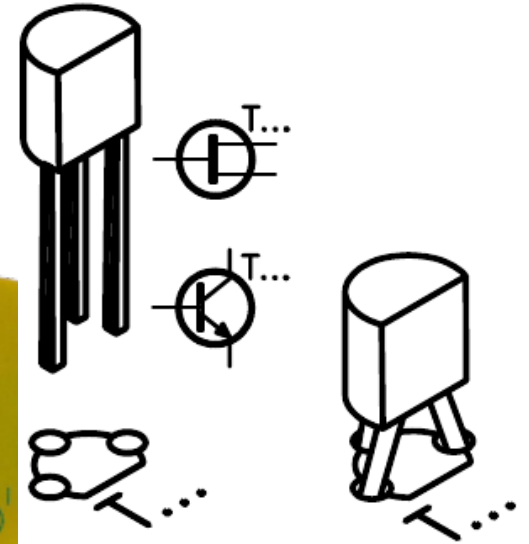
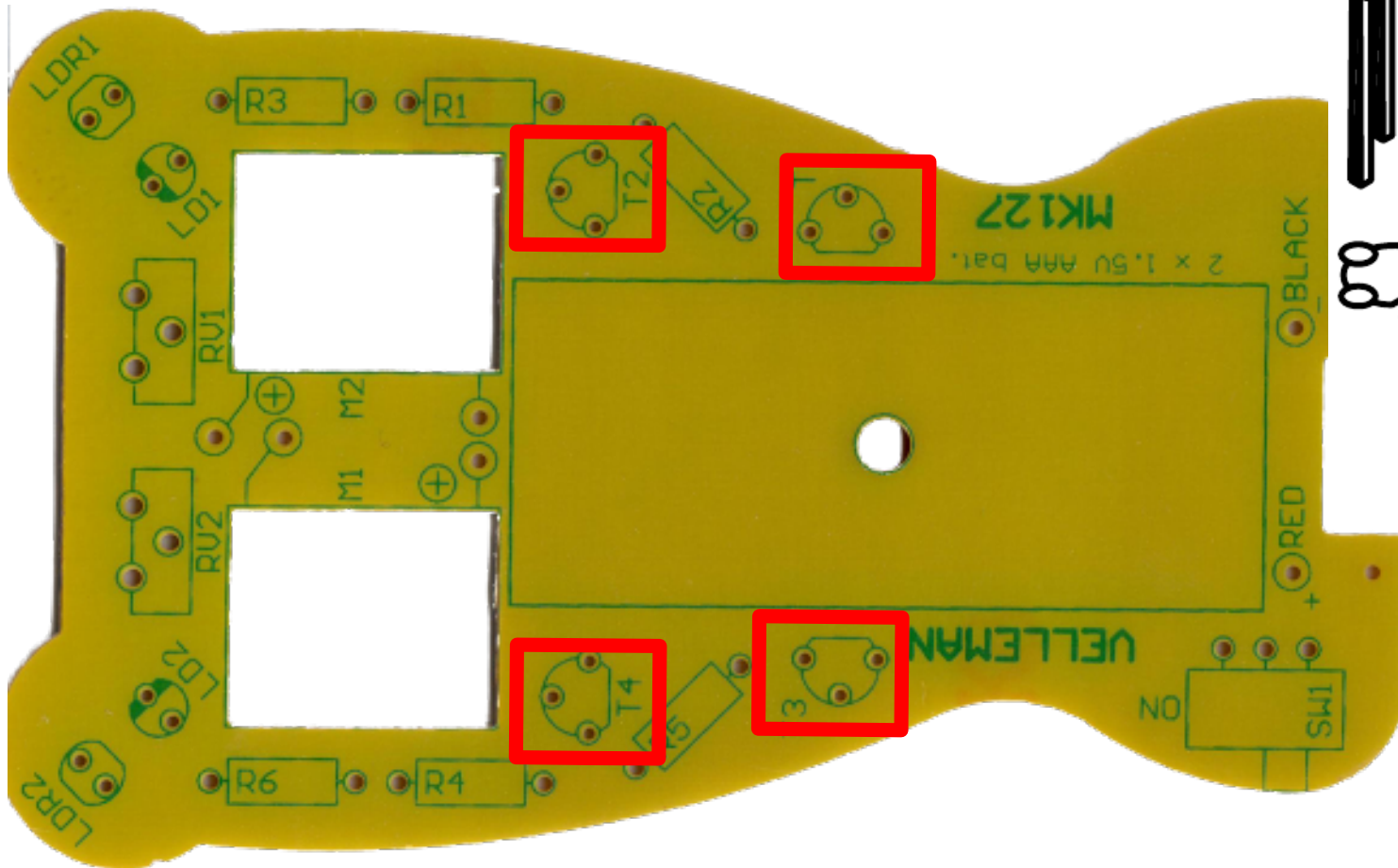


L'interrupteur

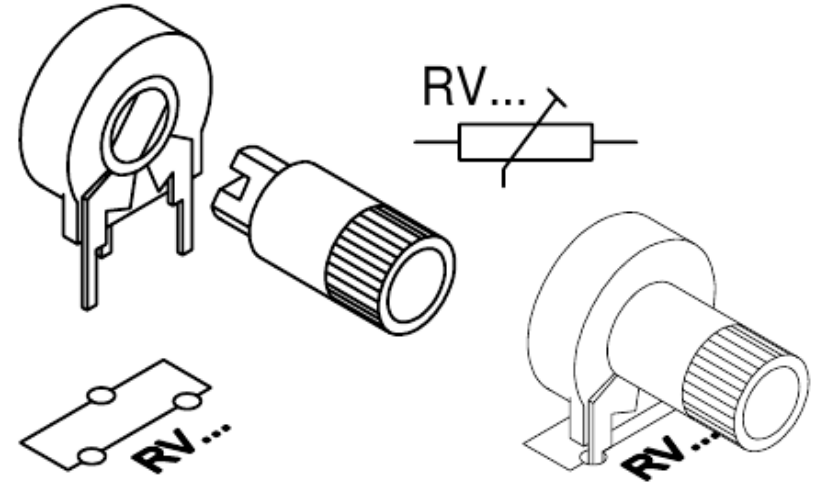
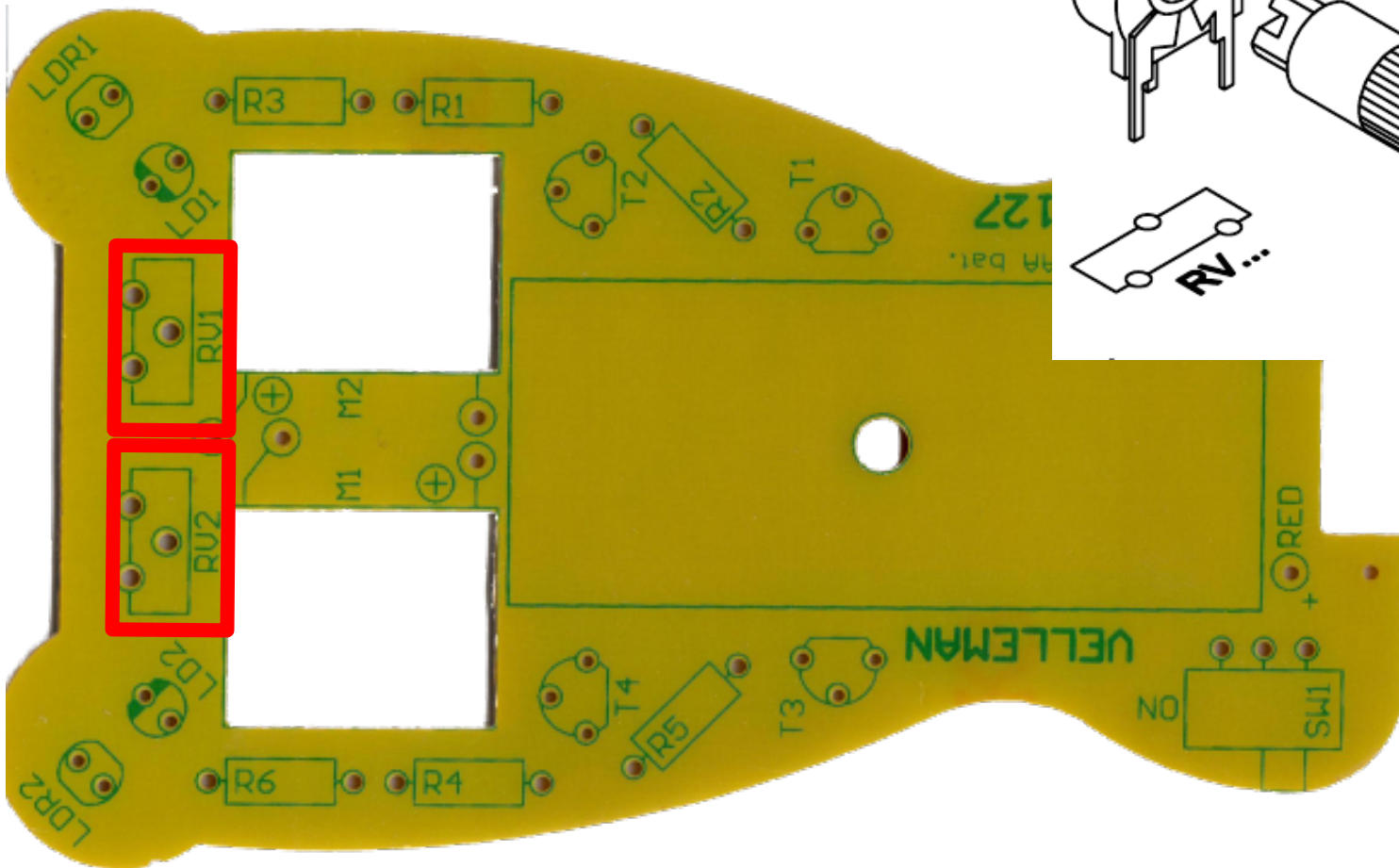


Les transistors

T1, T3 : BC547C
T2, T4 : BC557C

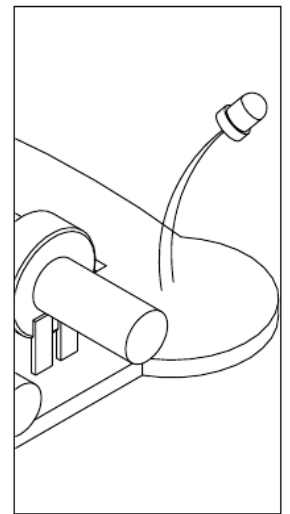
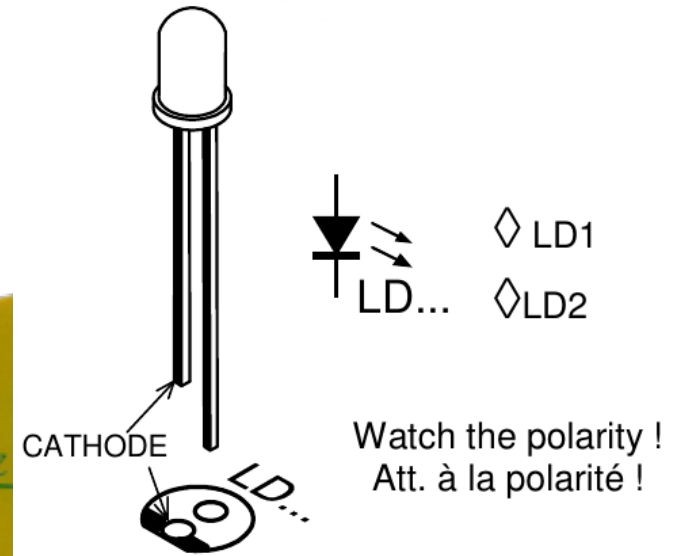
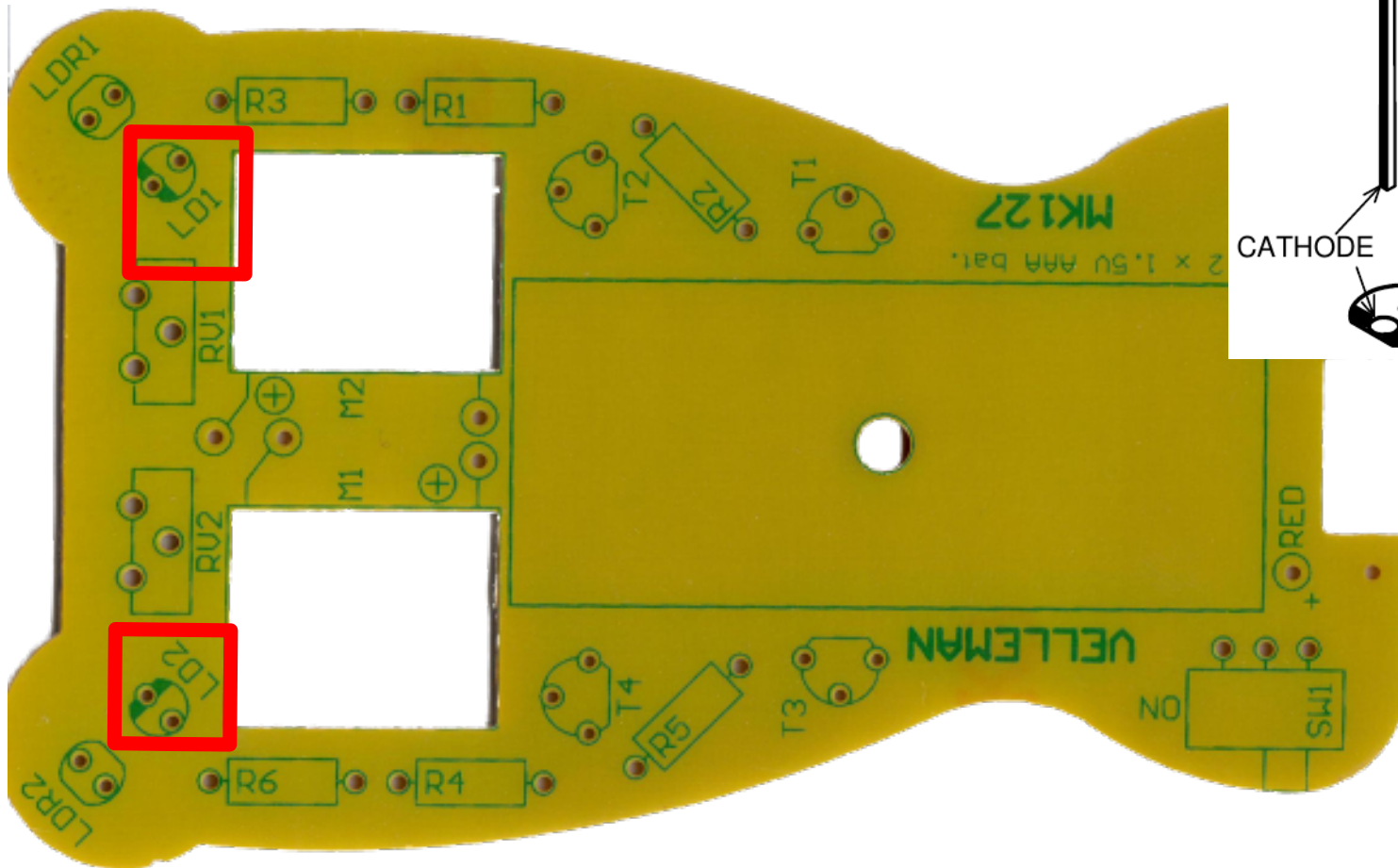


Les potentiomètres



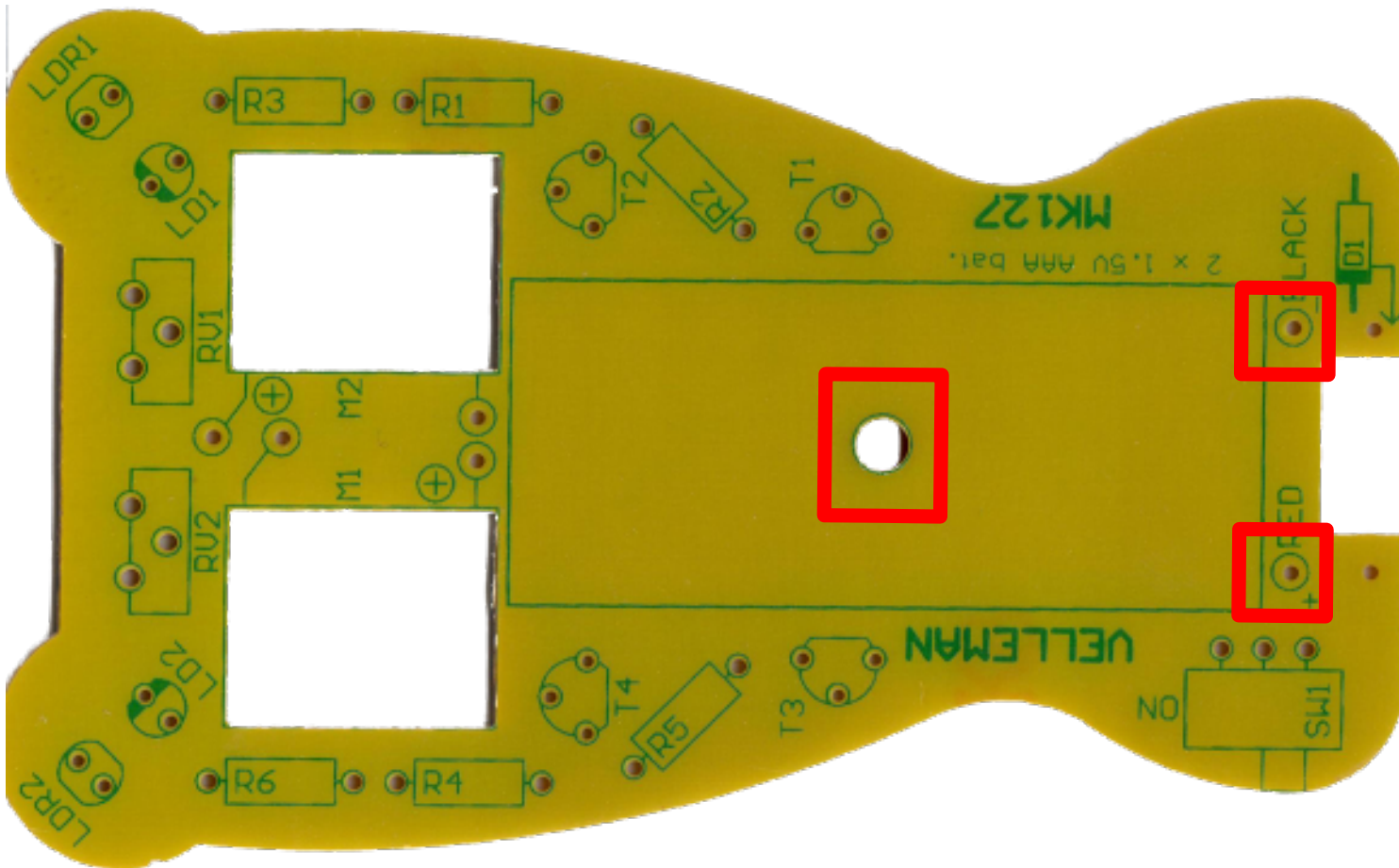
Les LED

Attention au sens !

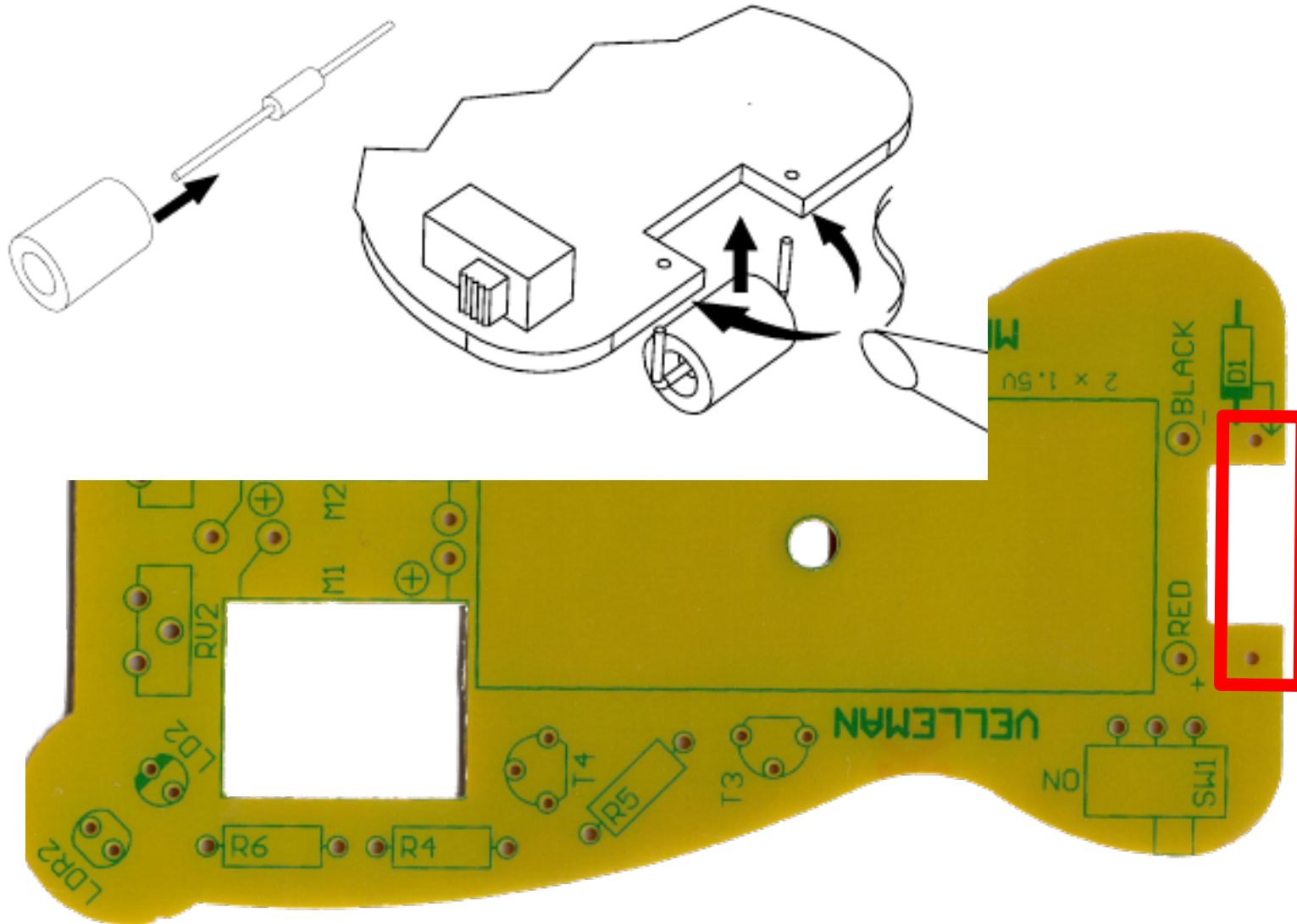


Le support de piles

Attention à la couleur des fils

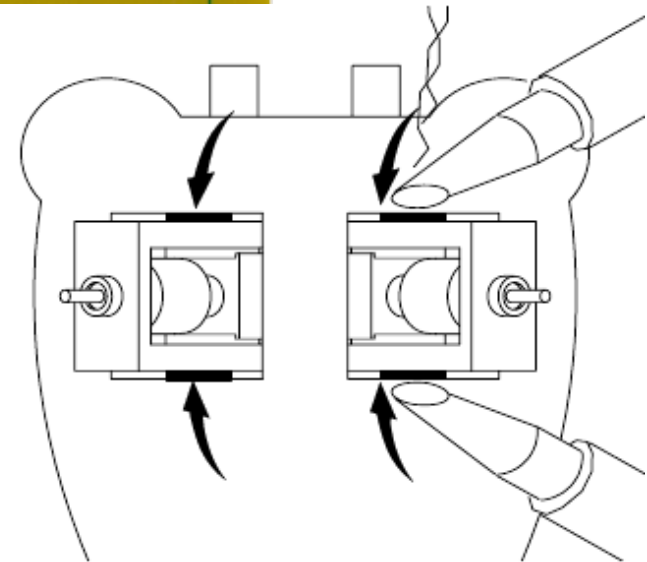
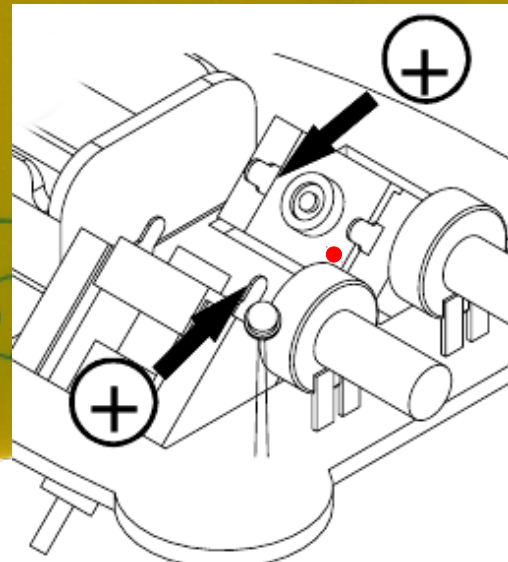
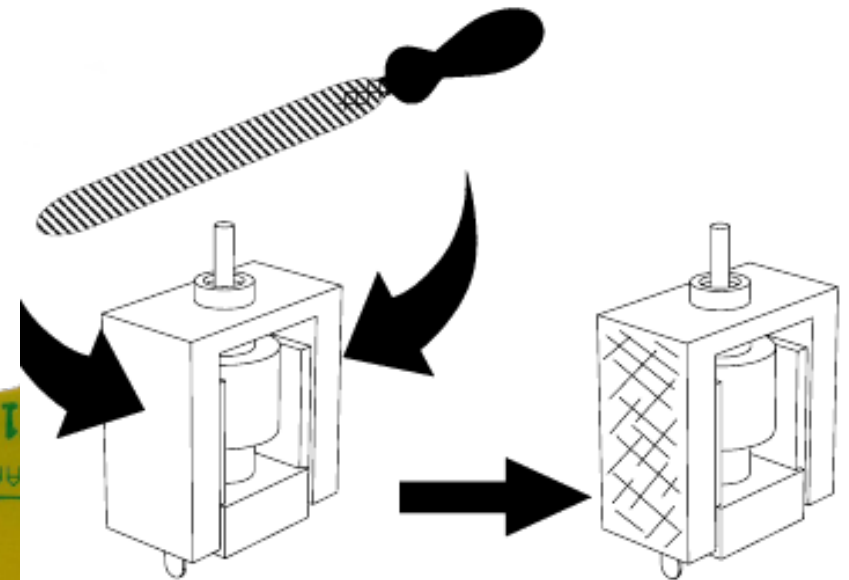
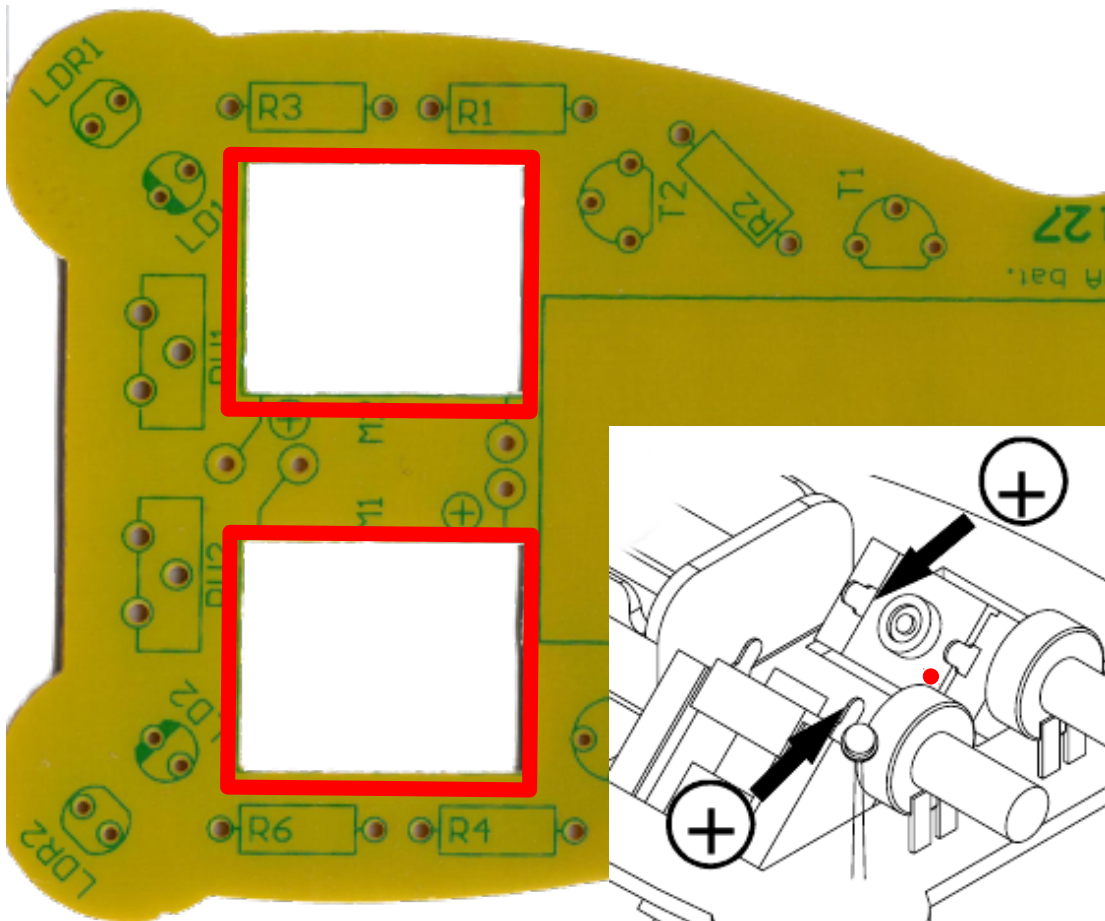


La diode / roue



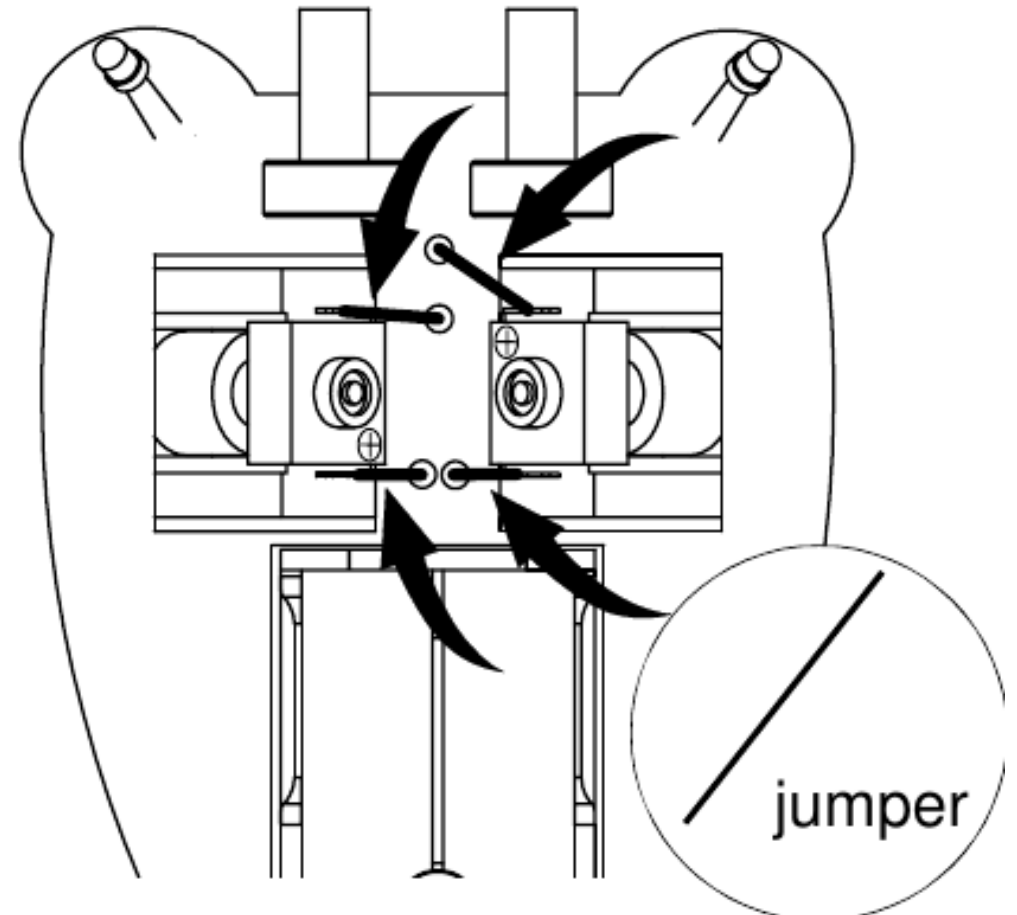
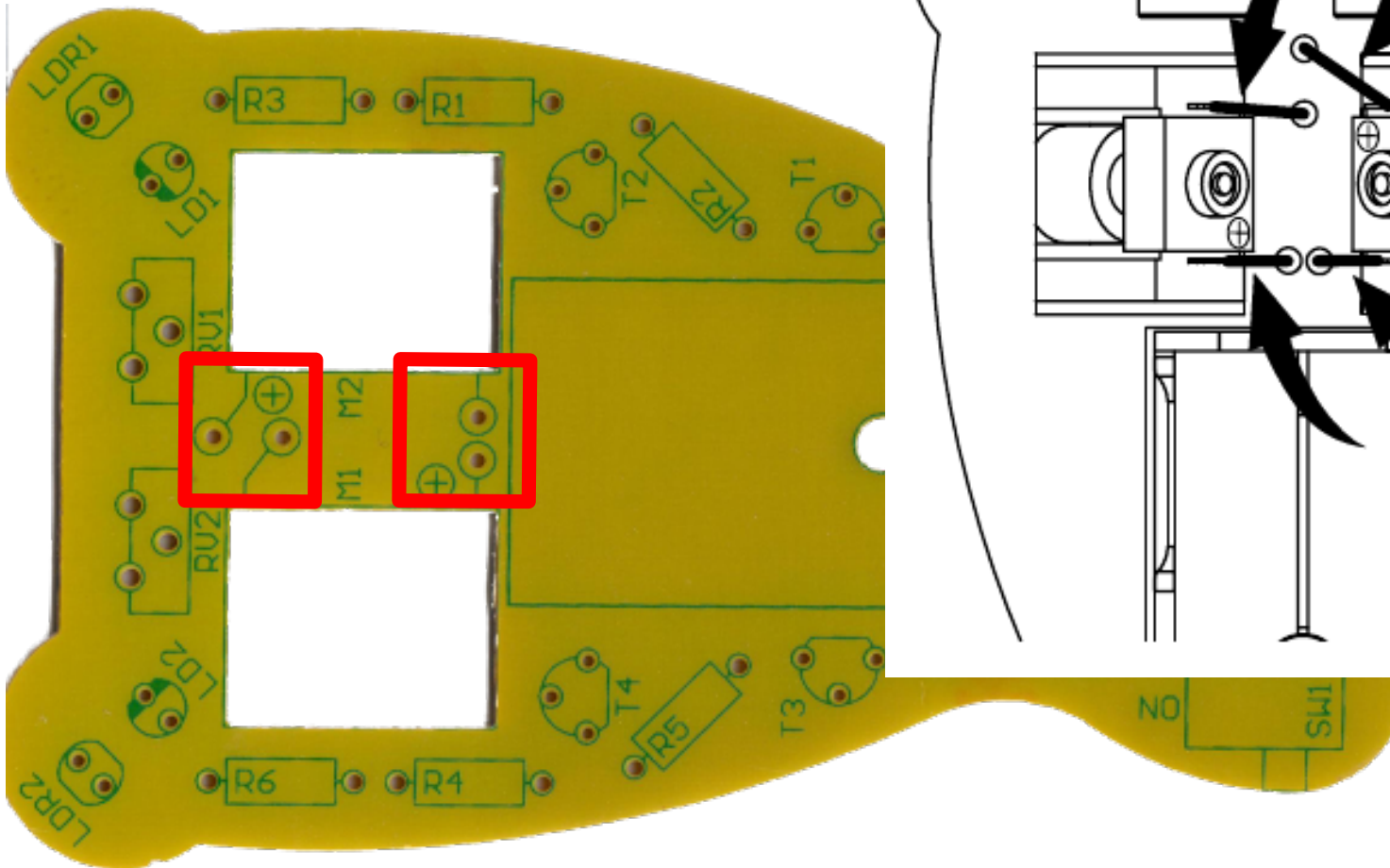
Les moteurs

Attention au sens !
point rouge → -

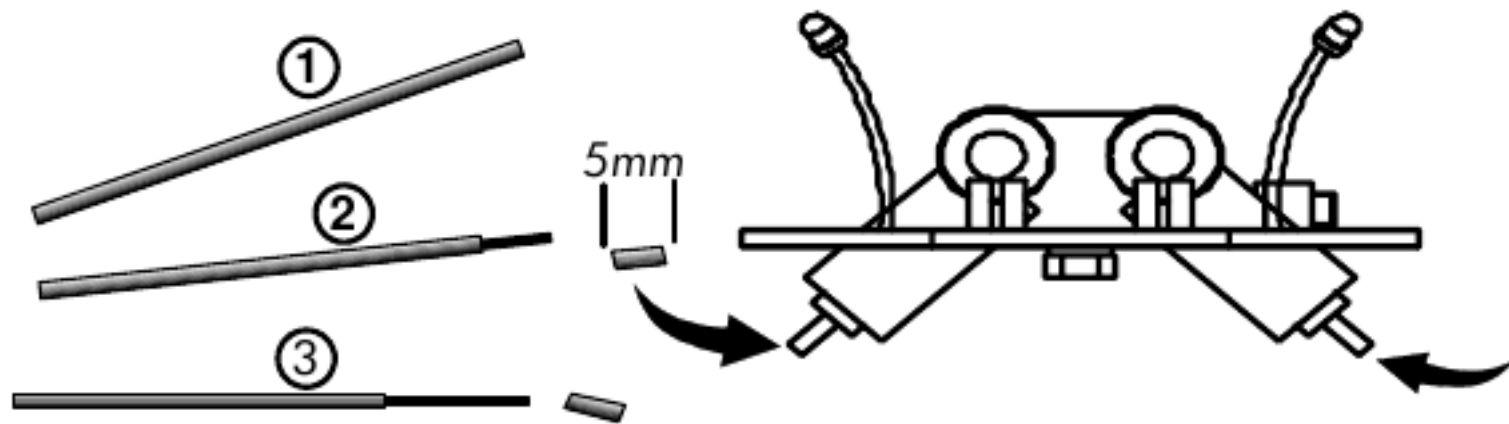


Les moteurs - suite

Attention au sens !



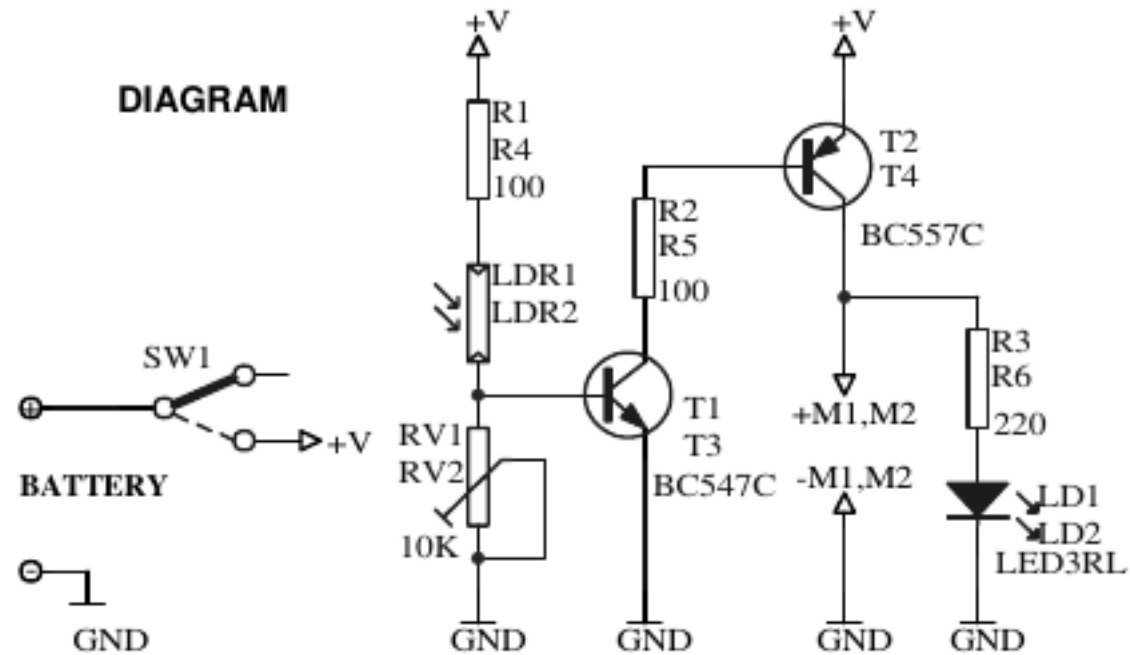
Les « pneus »



Et voila !



Schéma



Merci

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