

Soldering - Solderen - Soudage - Lötten - Soldadura - Lötning - Juottaminen - Saldatura - Solda

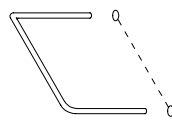


max. 40W

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



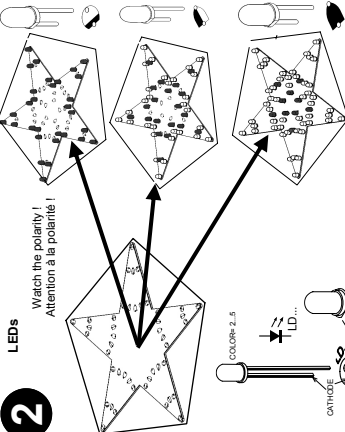
1 Jumper



Ø 7x

2 LEDs

Watch the polarity!
Attention à la polarité!



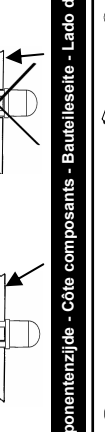
Ø 30 x
(Red - Rouge - Rojo - Rosso)

Ø 20 x
Yellow-Gelb-Jaune-Gelb-Gul

Ø 10x
Green, Green, Vert, Grün, Grön

3 Zenerdiode

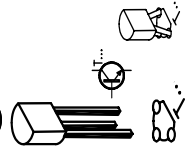
Watch the polarity!
Attention à la polarité!



Ø ZD1 : 9V1

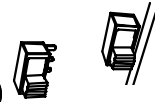
- Ø R6 ... R8 : 4K7
- Ø R9 ... R15 : 2K2
- Ø R16 ... R22 : 1K
- Ø R23, R24 : 5K6

4 Transistors



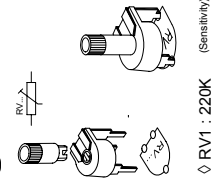
Ø T1 ... T5 : BC547B

5 Switch



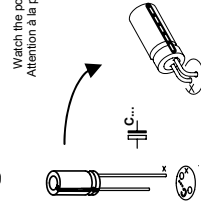
Ø SW1 : ON

6 Trimmer



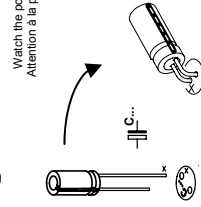
Ø RV1 : 220K
(Sensitivity)

7 Electrolytic capacitors



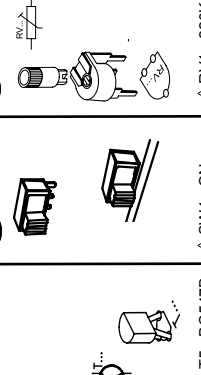
- Ø C1 : 47µF
- Ø C2 : 1µF
- Ø C3 : 10µF
- Ø C4 : 4.7µF

8 DC connector



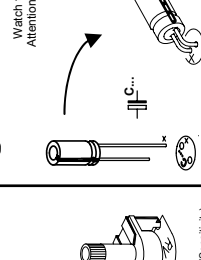
Ø SK1

9 Microphone



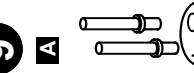
Ø MIC1

9 Battery

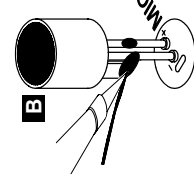


- Ø R1 : 100
- Ø R2 : 4K7
- Ø R3 : 68K
- Ø R4 : 4M7
- Ø R5 : 10K

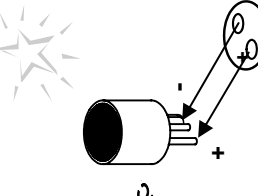
9 A



B



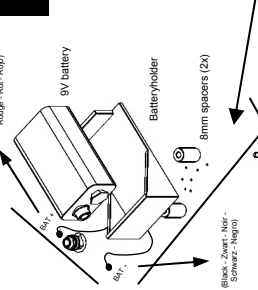
9 B



Ø MIC1

Ø MIC1

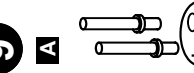
9 Battery



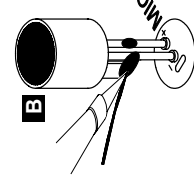
Component side - componentenzijde - Côte composants - Bauteilseite - Lado de los componentes

SOLDER SIDE

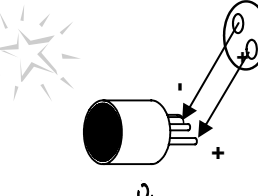
9 A



B



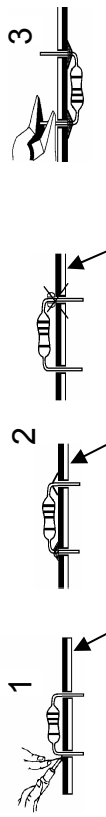
9 B



Ø MIC1

Ø MIC1

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max. 40W

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



- Ø R1 : 100
- Ø R2 : 4K7
- Ø R3 : 68K
- Ø R4 : 4M7
- Ø R5 : 10K

9 Resistor - Weerstand - Resistencia - Widerstand - Resistenz

- (Brown, Black, Brown) - (Brun, Zwart, Bruin) - (Brun, Noir, Brun) - (Braun, Schwarz, Braun) - (Bron, Szwary, Bron) - (Rusko, Musta, Ruskea) - (Marron, Negro, Marrón) - (Castanho, Preto, Castanho) - (Marrone, Nero, Marrone)
- (Yellow, Purple, Red) - (Gelb, Violett, Rot) - (Jaune, Violet, Rouge) - (Gelb, Violett, Rot) - (Gul, Lila, Rood) - (Keltainen, Purpura, Punainen) - (Amarillo, Morado, Rojo) - (Amarolo, Violeta, Encarnado) - (Giallo, Viola, Rosso)
- (Blue, Grey, Orange) - (Blaauw, Grijs, Oranje) - (Bleu, Gris, Orange) - (Blaü, Grau, Orange) - (Blá, Grá, Orange) - (Sininen, Harmaa, Oranssi) - (Azul, Gris, Naranja) - (Azul, Cinzento, Laranja) - (Blu, Grigio, Aranciatto)
- (Yellow, Purple, Green) - (Gelb, Paars, Groen) - (Jaune, Violet, Vert) - (Gelb, Violett, Grün) - (Gul, Lila, Groen) - (Keltainen, Purpura, Vihreä) - (Amarillo, Morado, Verde) - (Amarolo, Violeta, Verde) - (Giallo, Viola, Verde)
- (Brown, Black, Orange) - (Braun, Zwart, Oranje) - (Brun, Noir, Orange) - (Braun, Schwarz, Orange) - (Bron, Szwary, Orange) - (Ruskea, Musta, Oranssi) - (Marrón, Negro, Naranja) - (Castanho, Preto, Laranja) - (Marrone, Nero, Aranciatto)