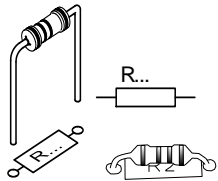


# PMK120T



**1**

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



◇R1, R4, R5 : 1K

(Brown, Black, Red) - (Bruin, Zwart, Rood) - (Brun, Noir, Rouge) - (Braun, Schwarz, Rot) - (Brun, Svart, Röd) - (Ruskea, Musta, Punainen) - (Marrón, Negro, Rojo) - (Castanho, Preto, Encarnado) - (Marrone, Nero, Rosso)

◇R2, R3: 100K

(Brown, Black, Yellow) - (Bruin, Zwart, Geel) - (Brun, Noir, Jaune) - (Braun, Schwarz, Gelb) - (Brun, Svart, Gul) - (Ruskea, Musta, Keltainen) - (Marrón, Negro, Amarillo) - (Castanho, Preto, Amarelo) - (Marrone, Nero, Giallo)

◇R6: 82E

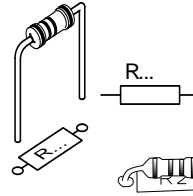
(Grey, Red, Black) - (Grijs, Rood, Zwart) - (Gris, Rouge, Noir) - (Grau, Rot, Schwarz) - (Grå, Röd, Svart) - (Harmaa, Punainen, Musta) - (Gris, Rojo, Negro) - (Cinzeno, Encarnado, Preto) - (Grigio, Rosso, Nero)

# PMK120R



**1**

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



◇R1, R6 : 10K

(Brown, Black, Orange) - (Bruin, Zwart, Oranje) - (Brun, noir, Orange) - (Braun, Schwarz, Orange) - (Brun, Svart, Orange) - (Ruskea, Musta, Oranssi) - (Marrón, Negro, Naranjado) - (Castanho, Preto, Laranja) - (Marrone, Nero, Aranciato)

◇R4, R7, R8 : 100K

(Brown, Black, Yellow) - (Bruin, zwart, Geel) - (Brun, noir, Jaune) - (Braun, Schwarz, Gelb) - (Brun, Svart, Gul) - (Ruskea, Musta, Keltainen) - (Marrón, Negro, Amarillo) - (Castanho, Preto, Amarelo) - (Marrone, Nero, Giallo)

◇R2, R3, R5, R12, R13: 1K

(Brown, Black, Red) - (Bruin, Zwart, Rood) - (Brun, Noir, Rouge) - (Braun, Schwarz, Rot) - (Brun, Svart, Röd) - (Ruskea, Musta, Punainen) - (Marrón, Negro, Rojo) - (Castanho, Preto, Encarnado) - (Marrone, Nero, Rosso)

◇R9, R10 : 330K

(Orange, Orange, Yellow) - (Oranje, Oranje, Geel) - (Orange, Orange, Jaune) - (Orange, Orange, Gelb) - (Orange, Orange, Gul) - (Oranssi, Oranssi, Keltainen) - (Naranjado, Naranjado, Amarillo) - (Laranja, Laranja, Amarelo) - (Aranciato, Aranciato, Giallo)

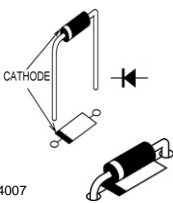
◇R11 : 470K

(Yellow, Purple, Yellow) - (Geel, Paars, Geel) - (Jaune, Violet, Jaune) - (Gelb, Violet, Gelb) - (Gul, Lila, Gul) - (Keltainen, Purppura, Keltainen) - (Amarillo, Morado, Amarillo) - (Amarelo, Violeta, Amarelo) - (Giallo, Viola, Giallo)

MK120\_rev.3

## 2 Diode

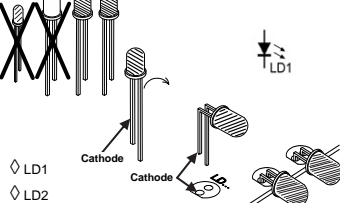
Watch the polarity!  
Att. la polarité!



◇ D1 : 1N4007

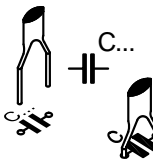
## 3 IR-LED

Watch the polarity!  
Att. la polarité!



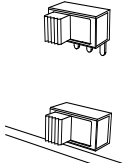
◇ LD1  
◇ LD2

## 4 Capacitor



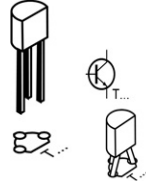
◇ C1, C2 : 1n5 (152)

## 5 Switch



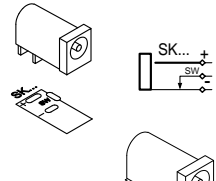
◇ SW1

## 6 Transistors



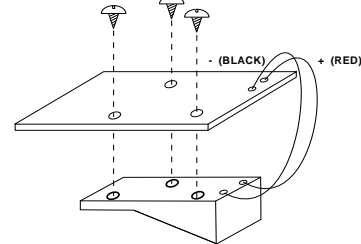
◇ T1 ... T3 : BC547C

## 7 Power Jack



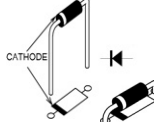
◇ SK1

## 8 Battery Holder



## 2 Diodes

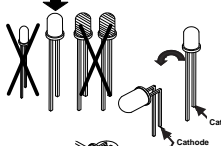
Watch the polarity!  
Att. la polarité!



◇ D1 ... D3 : 1N4007

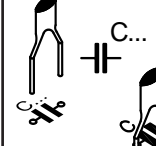
## 3 Phototransistor

Watch the polarity!  
Att. la polarité!



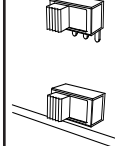
◇ T1

## 4 Capacitors



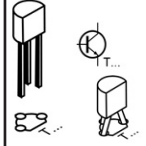
◇ C1, C2 : 47nF (473)

## 5 Switch



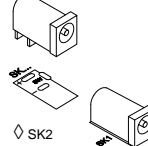
◇ SW1

## 6 Transistors



◇ T2 : BC547C

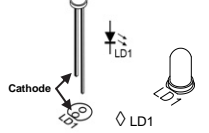
## 7 Power Jack



◇ SK2

## 8 LED

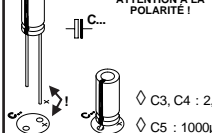
Watch the polarity!  
Att. la polarité!



◇ LD1

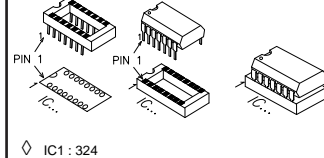
## 9 Electrolytic capacitor

WATCH THE POLARITY!  
ATTENTION À LA POLARITÉ!



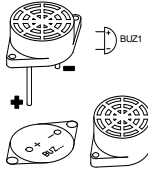
◇ C3, C4 : 2.2µF  
◇ C5 : 1000µF

## 10 IC socket & IC



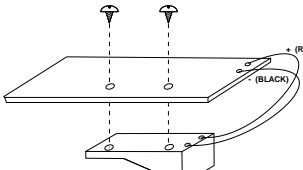
◇ IC1 : 324

## 11 Buzzer



◇ BUZ1

## 12 Battery holder



## 13



4M MAX (4.5YRD)

PMK120T

PMK120R

PMK120T

PMK120R