

## DESCRIPTION

This key chain can be used as money detector to check water marks on the notes by ultraviolet light. They can also be used as mini torch by white light. We provide 5 colour, 2 chain types and 2 standard packing for selection.

	<b>DX-XX Series</b>	<b>MX-XX Series</b>
Emitting Light	Ultraviolet	White
Application	Money Detector	Mini Torch

## Ordering Information

X X - X X

|     |     |     |  
 (A) (B) (C) (D)

- (A) Product type :  
 D- Money Detector  
 M- Mini Torch
- (B) Product colour :  
 P- pink  
 B- blue  
 S- silver  
 Y- yellow  
 G- green
- (C) Chain type :  
 1- refer to Fig 1  
 2- refer to Fig 2
- (D) Packing :  
 A- micro standand Blister card packing, refer to Fig 3  
 B- micro standard gift box packing, refer to Fig 4

## ABSOLUTE MAXIMUM RATINGS

Power Dissipation @ Ta=25°C	45mW
Forward Current, DC (IF)	15mA
Reverse Voltage	5V
Operating Temperature Range	0 to +50°C
Storage Temperature Range	0 to +50°C
Battery Type	AG10 × 3
Battery Life	10,000 times (3 second per time)

## ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNIT	CONDITIONS
Forward Voltage	VF	3.6	3.7	4.5	V	IF=20mA
Reverse Breakdown Voltage	BVR	5			V	IR=100µA
Viewing Angle	2θ 1/2		30		degree	IF=20mA



Figure 1. XX-1X



Figure 2. XX-2X



Figure 3. XX-XA

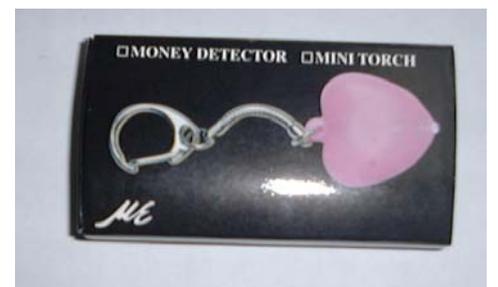


Figure 4. XX-XB



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Note: Do not look directly into the LED light source.