

### DESCRIPTION

GT-1X Series are small gifts that can be used as mini torches. They can give out ultraviolet radiation and purple light. It can be used to recognise some kind of counterfeit money.

GT-1R has a pink appearance.

GT-1B has a blue appearance.

GT-1W has a silvery white appearance.

GT-1Y has a yellow appearance.



### 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 X 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
Luminous Intensity	IV	150	200		mcd	IF=20mA
Peak Wavelength	λp	402		410	nm	IF=20mA
Viewing Angle	2θ 1/2		30		degree	IF=20mA



#### MICRO ELECTRONICS LTD.

G/F, 38 Hung To Road, Kwun Tong, Kowloon, Hong Kong.

Kwun Tong P.O. BOX 69477, Hong Kong. TEL: (852) 23430181 FAX: (852) 23410321

HOME PAGE: <http://www.microelectr.com.hk> E-MAIL ADDRESS: [common@microelectr.com.hk](mailto:common@microelectr.com.hk)