

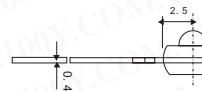
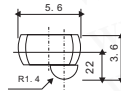
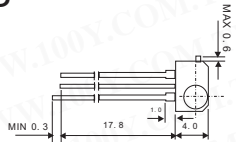
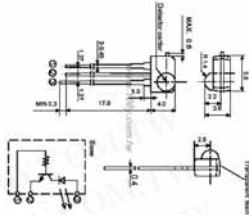


# OPTOELECTRONICS & INDICATORS

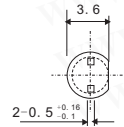
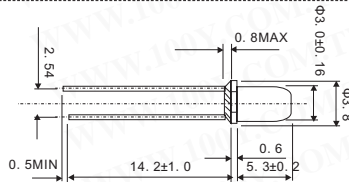
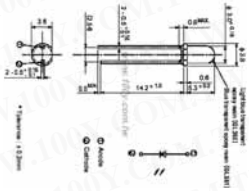
the Most Recent Electronic Catalogue 2007

## Infrared Emitting Diode

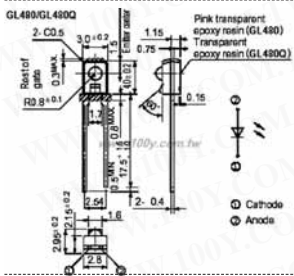
Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



Part No.	Product No.	Manufacturer	Description	λP(nm)	Δθ(deg)	If max.
33207	GL1F20	SHARP	InfraredEmitting Diode	870nm	±20	50mA

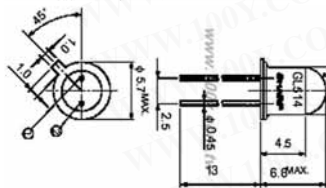


Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	λP(nm)	Δθ(deg)	If max.	Vr max.
33209	GL380	SHARP	High Output, f 3mm ResinMold Type Infrared Emitting Diode	resin mold package	150mW	950nm	± 13	60mA	6V



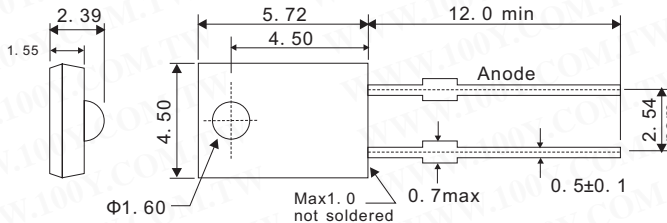
### Infrared Emitting Diode

Part No.	Product No.	Manufacturer	Description	Po (mW)	λP(nm)	Δθ(deg)	If max.	Vr max.
33210	GL480	SHARP	Infrared Emitting Diode	75mW	950nm	± 13	50mA	6V



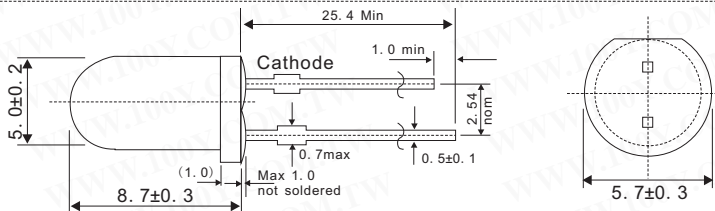
### TO-18 Infrared Emitting Diode

Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	λP(nm)	Δθ(deg)	If max.	Vr max.
33211	GL514A	SHARP	TO-18 Infrared Emitting Diode	TO-18	250mW	950nm	± 7	150mA	6V



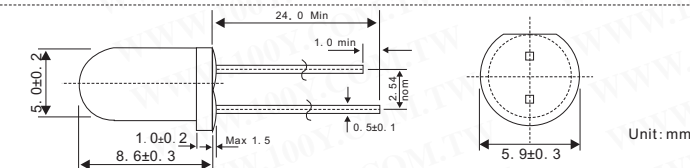
Unit: mm. Tolerance: 0.25mm

Part No.	Product No.	Description	Package	Po (mW)	Vf@If(mA)	λP(nm)	Δθ(deg)	If max.	Vr max.
16263	HIRB1b-48C	Infrared Emitting Diode	2.39*4.5mm	20mW	1.28Vf@20mA	940nm	40	50mA	5V
16264	HIRB1b-48E	Infrared Emitting Diode	2.39*4.5mm	7.5mW	1.65Vf@50mA	880nm	40	100mA	5V



Unit: mm.

Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	Vf@If(mA)	λP(nm)	Δθ(deg)	If max.	Vr max.
16232	HIRB5-43C-A	Haw Shuenn	Infrared Emitting Diode	ψ5*8.7mm Epoxy resin	135mW	1.28Vf@50mA	940nm	15°	80mA	5V
16265	HIRB5-43D-C	Haw Shuenn	Infrared Emitting Diode	ψ5*8.7mm Epoxy resin	50mW	1.25Vf@50mA	940nm	40	100mA	5V
16266	HIRB5-43G-A	Haw Shuenn	Infrared Emitting Diode	ψ5*8.7mm Epoxy resin	140mW	1.5Vf@50mA	850nm	12°	100mA	4V



Unit: mm.

#### Applications:

- Free air transmission system
- Optoelectronic switch
- Floppy disk drive
- Infrared applied system
- Smoke detector

Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	Vf@If(mA)	λP(nm)	Δθ(deg)	f max.	Vr max.
17899	IR333/H0-A	EVERLIGHT	5mm Infrared Led, T-1 3/4	T-1 3/4	150mW	1.2V@20mA	940nm	40	100mA	5V



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