



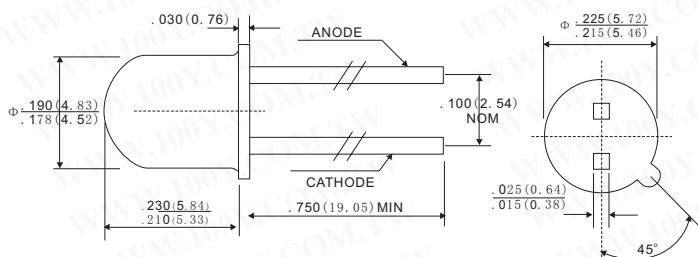
OPTOELECTRONICS & INDICATORS

the Most Recent Electronic Catalogue 2007

Infrared Emitting Diode

Detailed product specifications are available on: us.100y.com.tw

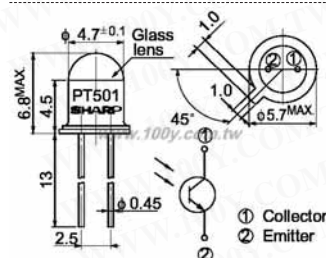
Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	λP(nm)	Δθ(deg)	If max.	Vr max.
36440	OP295B	OPTEK	Infrared Emitting Diodes(GaAlAs)	T-1 3/4	100mW	890nm	±20deg	5A	5V
36439	OP295C	OPTEK	Infrared Emitting Diodes(GaAlAs)	T-1 3/4	100mW	890nm	±20deg	5A	5V



FEATURES

- Wide irradiance pattern (OP293 series)
- Narrow irradiance pattern (OP298 series)
- Mechanically and spectrally matched to the Op593 and Op598 series phototransistors
- Variety of power ranges
- Significantly higher power output than GaAs at equivalent drive currents
- Wavelength matched to silicon's peak response
- Low cost replacement for TO-46 hermetic package.

Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	λP(nm)	Δθ(deg)	If max.	Vr max.
36491	OP298A	OPTEK	Infrared Emitting Diode(GaAlAs)	TO-46	142mW	890nm	±60deg	100mA	2V
36492	OP298B	OPTEK	Infrared Emitting Diode(GaAlAs)	TO-46	200mW	890nm	±25deg	100mA	2V
36494	OP298C	OPTEK	Infrared Emitting Diode(GaAlAs)	TO-46	142mW	890nm	±25deg	100mA	2V



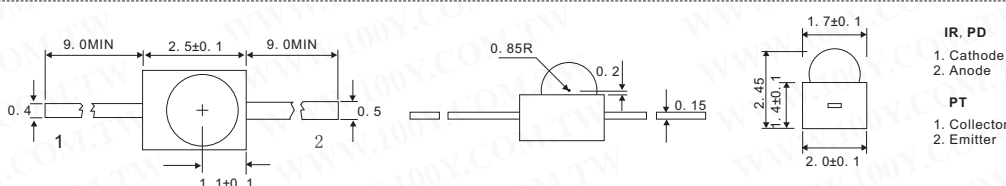
Features

- Narrow acceptance (Δθ: TYP. ±6°)
- TO-18 type standard package
- With base terminal: PT510

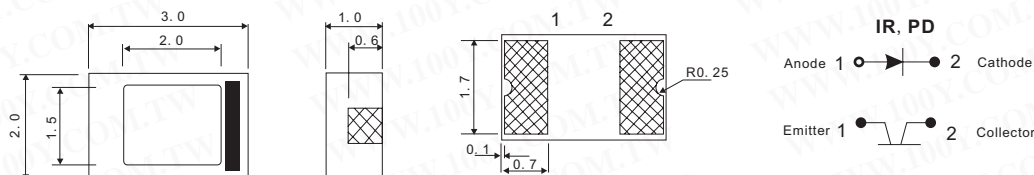
Applications

- Optoelectronic switches, optoelectronic counters
- Smoke detectors
- Infrared applied systems

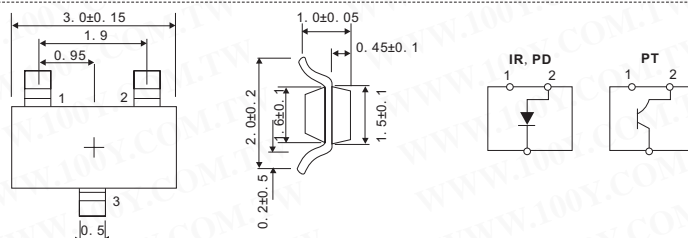
Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	λP(nm)
29018	PT501K	SHARP	TO-18 Type Narrow Acceptance Phototransistor	TO-18	75mW	800nm



Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	Vf@If(mA)	λP(nm)	Δθ(deg)	If max.	Vr max.
10297	SY-IR10	SHIAN YIH	Infrared Emitting Diode	Epoxy resin	0.7	1.6V/20mA	940	±15	50mA	5V



Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	Vf@If(mA)	λP(nm)	Δθ(deg)	If max.	Vr max.
10283	SY-IR12	SHIAN YIH	Infrared Emitting Diode	Ceramic Epoxy resin	0.7	1.6V/20mA	940	±50	50mA	5



Part No.	Product No.	Manufacturer	Description	Package	Po (mW)	Vf@If(mA)	λP(nm)	Δθ(deg)	If max.	Vr max.
10286	SY-IR15	SHIAN YIH	Infrared Emitting Diode	SOT-23	0.7	1.6V/20mA	940	±70	50mA	5

- We provide a wide range of products to development and maintenance engineers in all type of business
- If you cannot find the components you want on the catalogue, please call us.

Taiwan: 886-3-5753170
Shanghai: 021-54151736 Shenzhen: 0755-83298787

Centenary Materials
Waiting for your phone call



T E L : Taiwan: 886-3-5753170
F A X : Taiwan: 886-3-5729594
E-mail : Taiwan: us_sale@100y.com.tw

Shenzhen: 86-755-83298787
Shenzhen: 86-755-83640655
Shenzhen: 100y@163.com

Shanghai: 86-21-54151736
Shanghai: 86-21-64605107
Shanghai: 100y-1@163.com