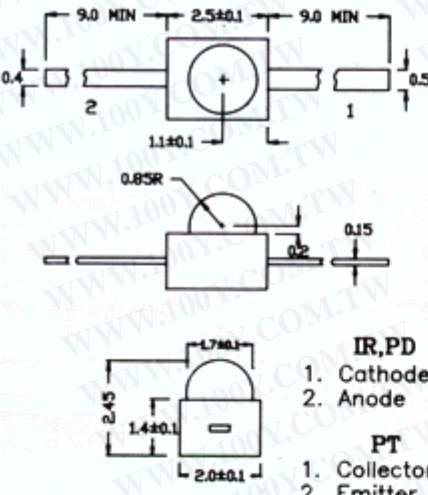
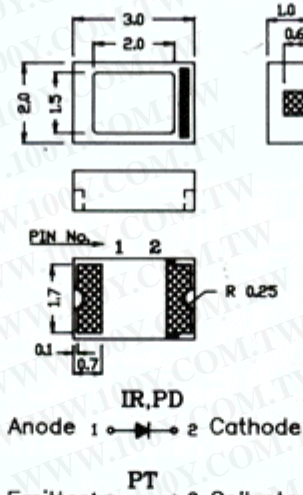
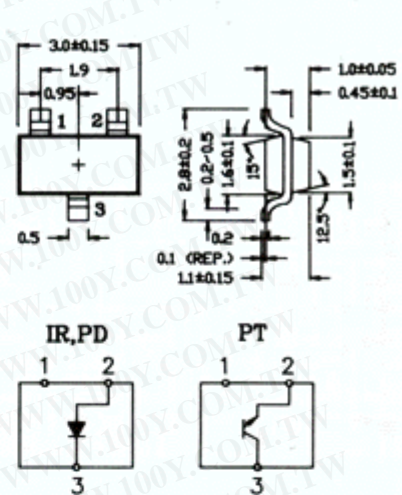
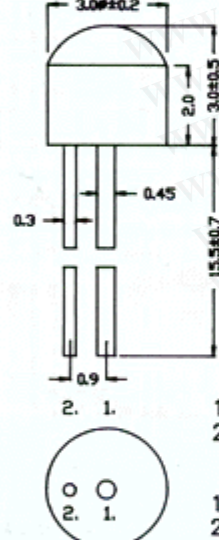
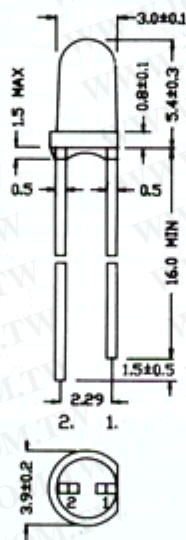
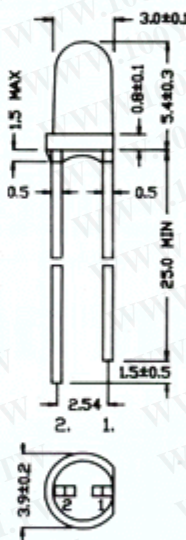
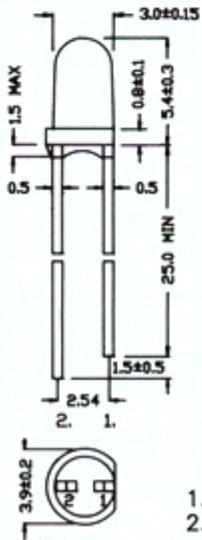
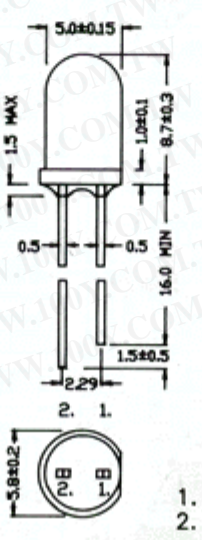
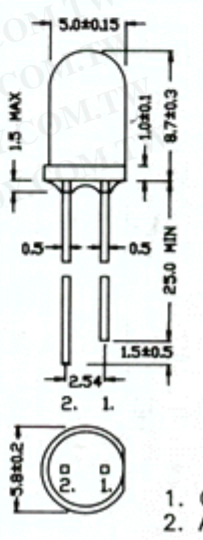


# PHOTO TRANSISTORS

## Electrical-Optical Characteristics

Part Number	AbsoluteMaximum Rating			LightCurrent				DarkCurrent		$\Delta \theta$	$\lambda P$	Package
	Vceo (V)	Po (mW)	Topr (°C)	Min (mA)	Typ (mA)	Vce (V)	EV (Lux)	Max ( $\mu A$ )	Vce (V)	Typ (deg)	Typ (nm)	
SY-10PT	30	50	-20~+80	0.5	5	3	1000	0.1	10	$\pm 15$	900	Epoxy resin (A-1)
SY-12PT	30	50	-20~+80	0.5	5	3	1000	0.1	10	$\pm 50$	900	Ceramic Epoxy resin (A-2)
SY-15PT	30	50	-20~+80	0.5	5	3	1000	0.1	10	$\pm 70$	900	SOT-23 (A-3)
SY-30PT	30	75	-20~+80	0.5	10	3	1000	0.1	10	$\pm 50$	900	Ceramic Epoxy resin (A-4)
SY-32PT	30	75	-20~+80	1.0	10	5	1000	0.1	10	$\pm 8$	900	Epoxy resin (A-5)
SY-52PT	30	100	-20~+100	1.0	15	5	1000	0.1	10	$\pm 15$	900	Epoxy resin (A-8)
SY-74PD T	30	150	-20~+100	5.0	20	5	100	1.0	10	$\pm 15$	900	Epoxy resin (A-17)
SY-74PT	30	100	-20~+100	0.5	15	5	1000	0.1	10	$\pm 15$	900	Epoxy resin (A-18)

SY-IR10, PT, PD (A-1)	SY-IR12, PT, PD (A-2)	SY-IR15, PT, PD (A-3)
 <p>IR,PD 1. Cathode 2. Anode</p> <p>PT 1. Collector 2. Emitter</p>	 <p>IR,PD Anode 1 → 2 Cathode</p> <p>PT Emitter 1 → 2 Collector</p>	 <p>IR,PD PT</p>
SY-IR30, PT (A-4)	SY-32PT, PD (A-5)	SY-IR33 (A-6)
 <p>IR 1. Cathode 2. Anode</p> <p>PT 1. Collector 2. Emitter</p>	 <p>PD 1. Cathode 2. Anode</p> <p>PT 1. Collector 2. Emitter</p>	 <p>1. Cathode 2. Anode</p>
SY-34PT (A-7)	SY-52PT (A-8)	SY-IR53, A, F, L, N (A-9)
 <p>1. Collector 2. Emitter</p>	 <p>1. Collector 2. Emitter</p>	 <p>1. Cathode 2. Anode</p>

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SY-54PT, PD (A-10)	SY-IR48, PT, PD (A-11)	SY-75PD (A-12)
<p>PD 1. Cathode 2. Anode</p> <p>PT 1. Collector 2. Emitter</p>	<p>IR,PD 1. Cathode 2. Anode</p> <p>PT 1. Collector 2. Emitter</p>	<p>1. Cathode 2. Anode</p>
SY-3572PD (A-13)	SY-3572PDR (A-14)	SY-3573PD (A-15)
<p>1. Cathode 2. Anode</p>	<p>1. Cathode 2. Anode</p>	<p>1. Cathode 2. Anode</p>
SY-IR74Y, CIY (A-16)	SY-74PD, 74PDT (A-17)	SY-74PT, PT-ST (A-18)
<p>1. Cathode 2. Anode</p>	<p>PDT 1. Collector 2. Emitter</p> <p>PD 1. Cathode 2. Anode</p>	<p>PT, PT-ST 1. Collector 2. Emitter</p>

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