

Photo Transistors

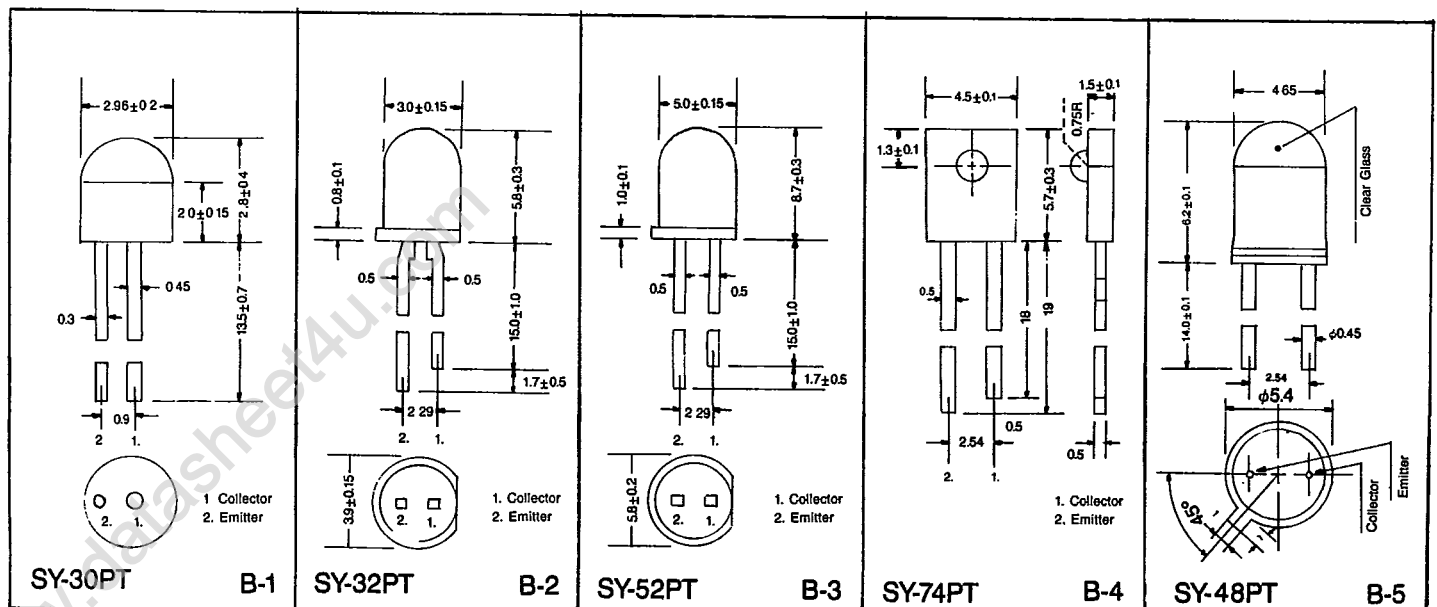
Application

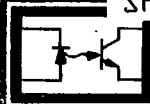
- Optical Switch
- Photo Sensors
- Strobe
- Game Machine
- Sensor Toy
- Smoke Detector

Electro-Optical Characteristics (Ta = 25°C)

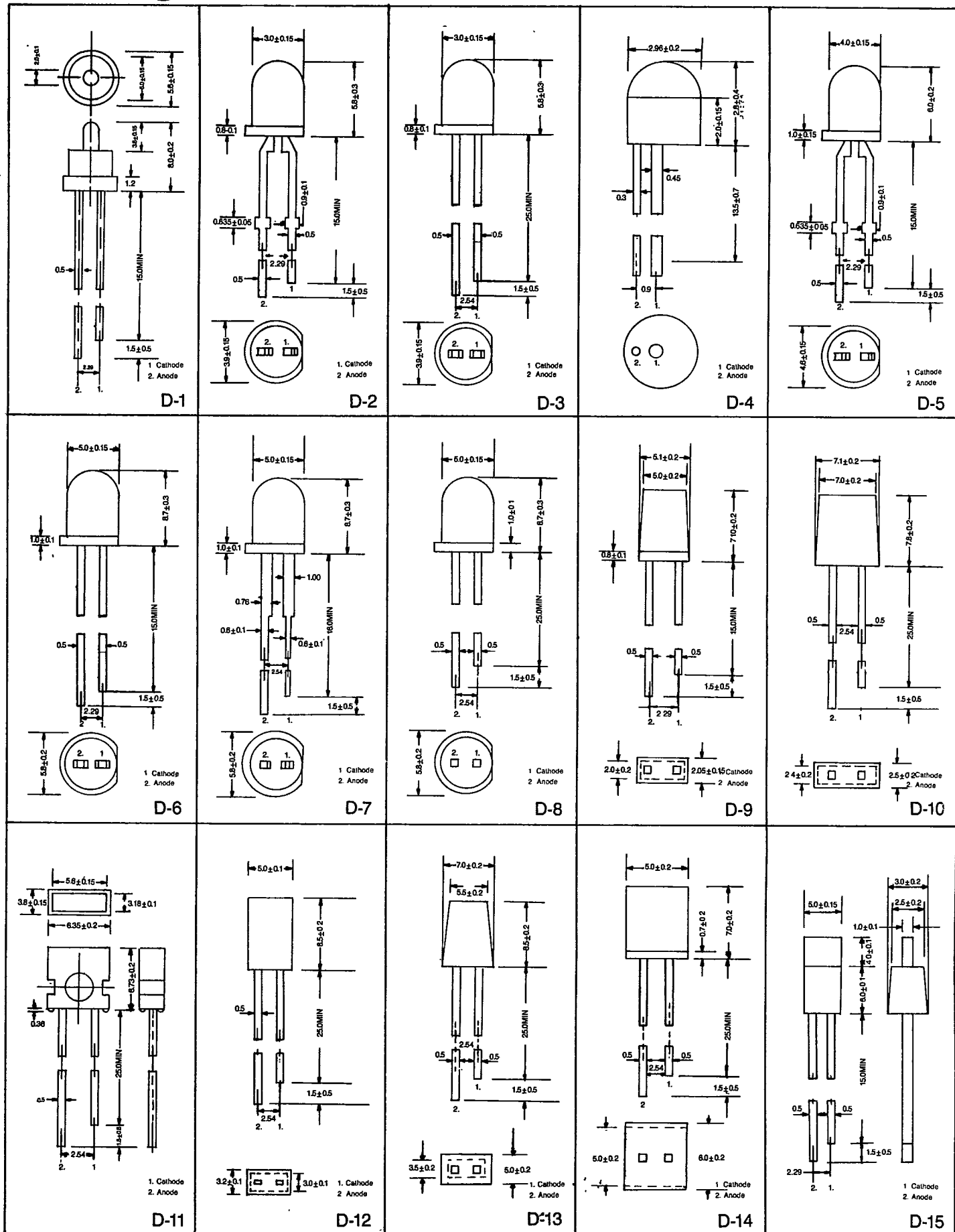
Part Number	Absolute Maximum Rating			Light Current				Dark Current		$\Delta\theta$	λP	Package
	Vced (V)	Pc (mW)	ToPr (°C)	MIN (mA)	MAX (mA)	Vce (V)	EV (Lux)	MAX (μA)	Vce (V)	Typ (deg)	Typ (nm)	
SY-30PT	20	75	-20 ~ +90	0.5	10	3	1000	0.1	10	± 50	880	Ceramic Epoxy Resin(B-1)
SY-32PT	20	75	-20 ~ +80	1.0	20	3	1000	0.1	10	± 20	880	Epoxy Resin (B-2)
SY-52PT	30	100	-20 ~ +100	1.0	30	5	1000	0.1	10	± 30	880	Epoxy Resin (B-3)
SY-74PT	30	100	-20 ~ +100	0.5	10	5	1000	0.1	10	± 30	880	Epoxy Resin (B-4)
SY-48PT	40	150	-35 ~ +125	1.5	15	10	200	0.2	10	± 15	880	TO-18 Lensed (B-5)

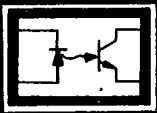
Package Dimension: (Unit: mm)





Package Dimensions (Unit:mm)





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