



Photo Transistors

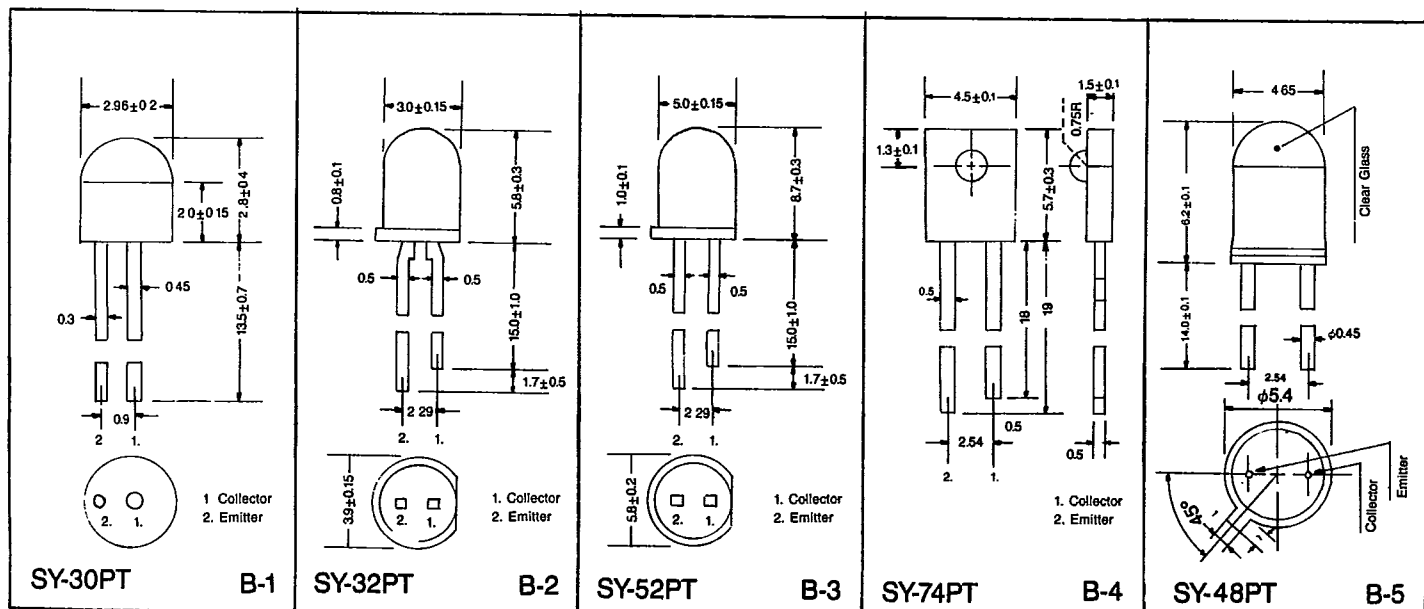
Application

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

Electro-Optical Characteristics (Ta = 25°C)

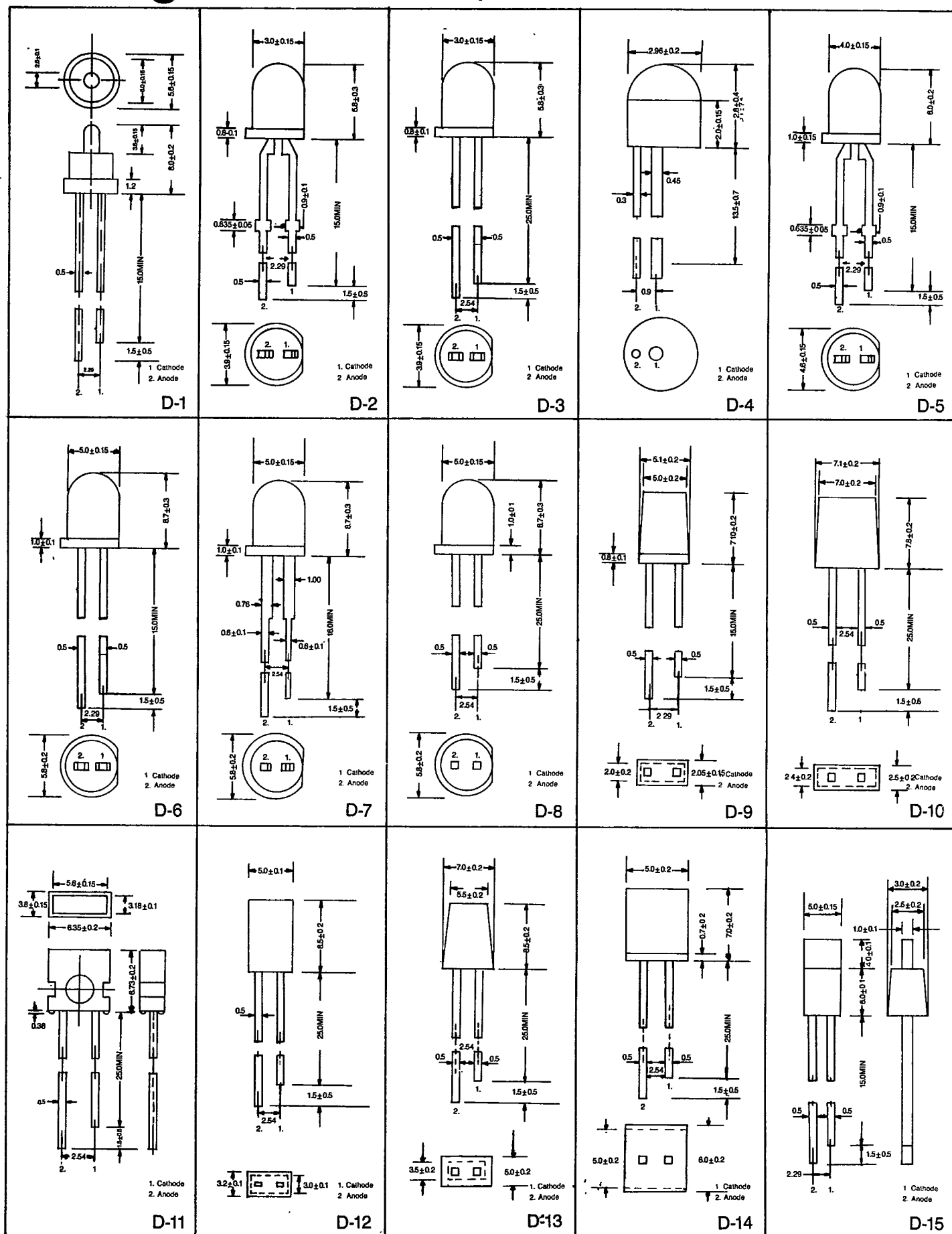
Part Number	Absolute Maximum Rating			Light Current				Dark Current		$\Delta\theta$	λP	Package
	Vced (V)	Pc (mW)	Topr (°C)	MIN (mA)	MAX (mA)	Vce (V)	EV (Lux)	MAX (μA)	Vce (V)	Typ (deg)	Typ (nm)	
SY-30PT	20	75	-20 ~ +90	0.5	10	3	1000	0.1	10	±50	880	Ceramic Epoxy Resin(B-1)
SY-32PT	20	75	-20 ~ +80	1.0	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)

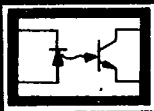
Package Dimension: (Unit: mm)



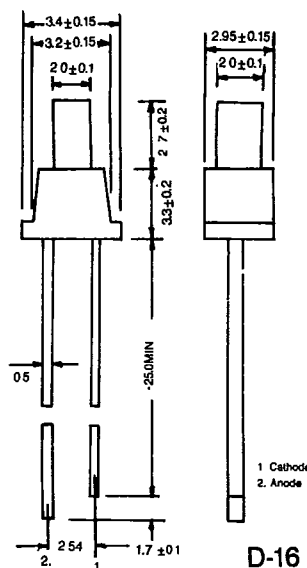


(Unit:mm)

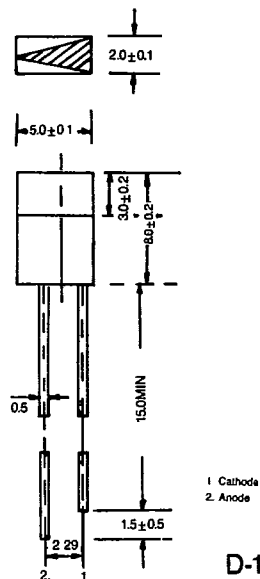




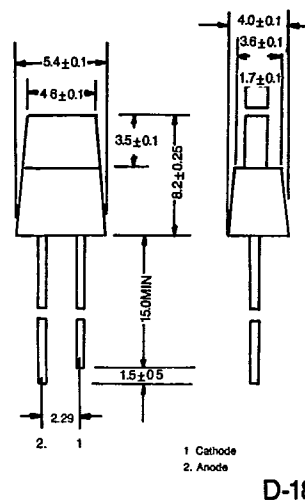
Package Dimensions (Unit:mm)



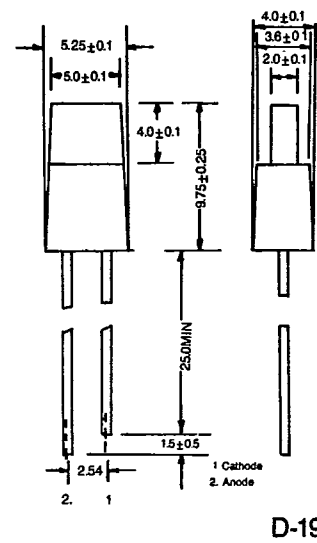
D-16



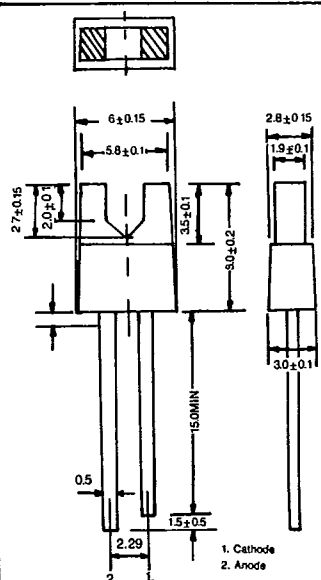
D-17



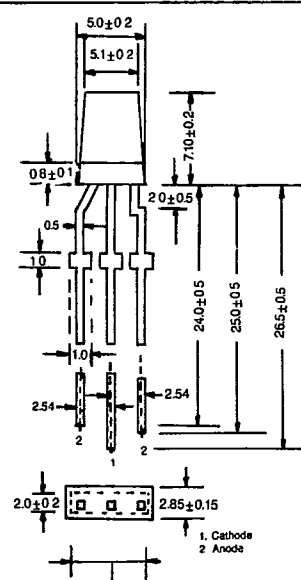
D-18



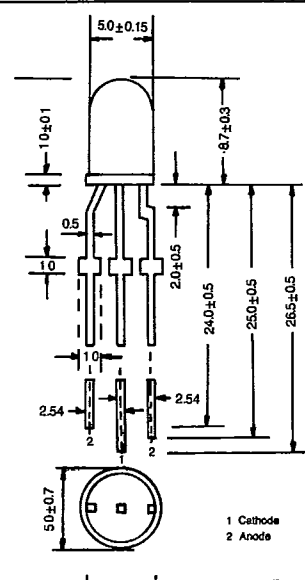
D-19



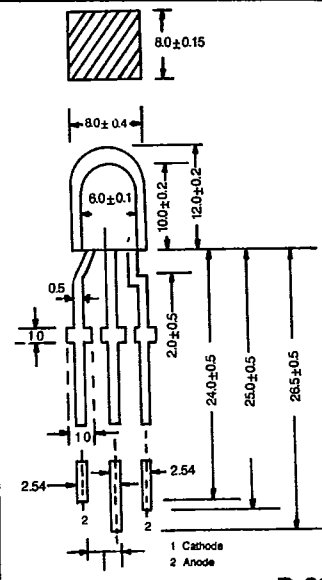
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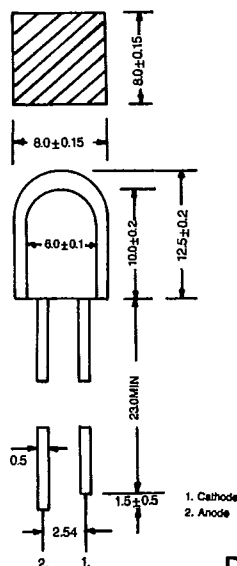
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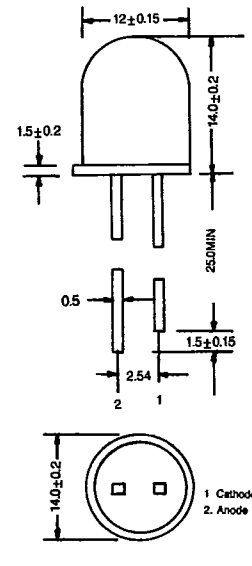
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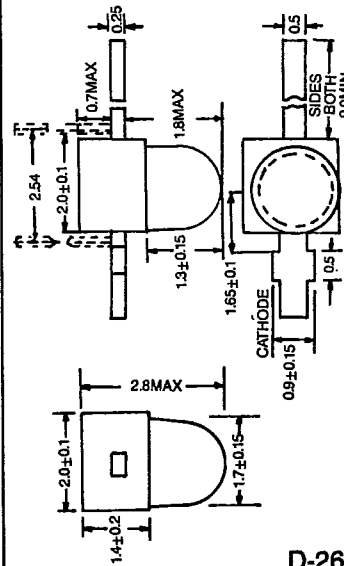
D-23



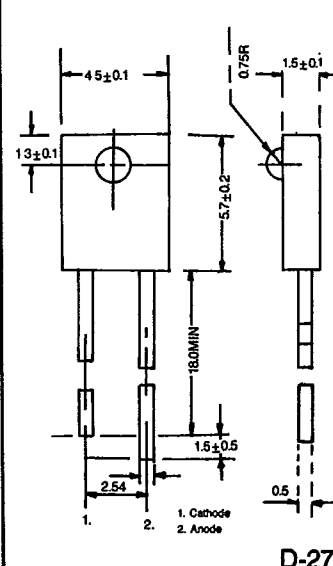
D-24



D-25



D-26



D-27