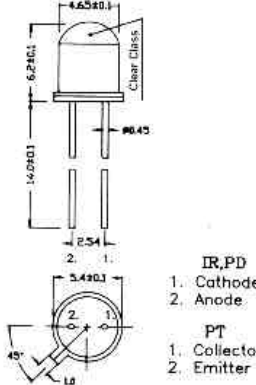
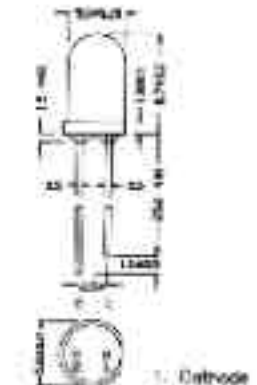
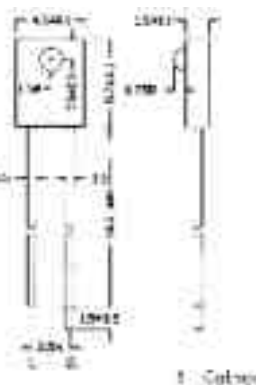
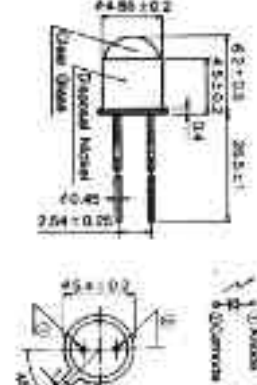
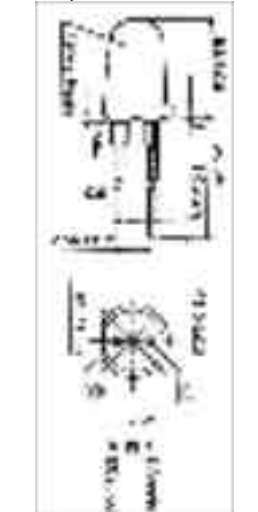
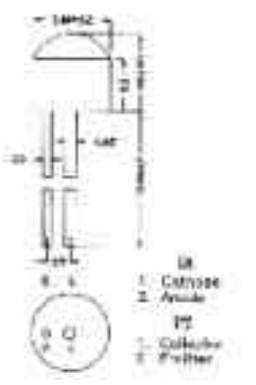
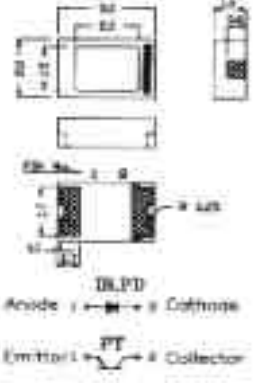
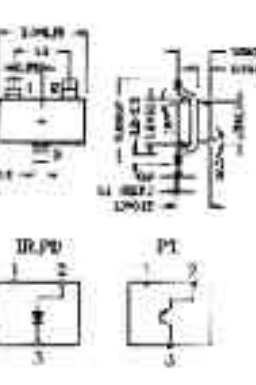
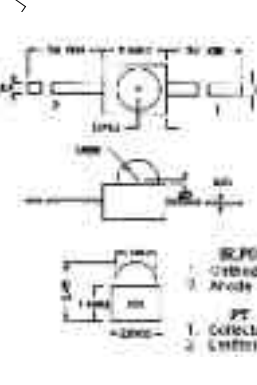


紅外線發射/光接收元件

紅外線發射二極體

Infrared Emitting Diode

23

 SY-IR48  IR,PD 1. Cathode 2. Anode PT 1. Collector 2. Emitter	 SY-IR53A  1. Cathode 2. Anode	 SY-IR74Y  1. Cathode 2. Anode	 EL-1KL3  IR,PD 1. Cathode 2. Anode PT 1. Collector 2. Emitter	 EL-1L7(D)  1. Cathode 2. Anode
 SY-IR30B  IR 1. Cathode 2. Anode PT 1. Collector 2. Emitter	 SY-IR12  IR,PD 1. Cathode 2. Anode PT 1. Collector 2. Emitter	 SY-IR15  IR,PD 1. Cathode 2. Anode PT 1. Collector 2. Emitter	 SY-IR10  IR,PD 1. Cathode 2. Anode PT 1. Collector 2. Emitter	

PartNumber	VF		PO		λP	$\Delta \theta$	Package
	Max.(V)	IF(mA)	Typ. (mw/str)	IF(mA)			
SY-IR10	1.6	20	0.7	20	940	± 5	Epoxyresin
SY-IR12	1.6	20	0.7	20	940	± 0	CeramicEpoxyresin
SY-IR15	1.6	20	0.7	20	940	± 0	SOT-23
SY-IR53	1.6	20	10.0	60	940	± 5	Epoxyresin
SY-IR48	1.6	20	1.8	40	940	± 5	TO-18
SY-IR74Y	1.6	20	1.8	20	940	± 5	Epoxyresin
SY-IR30	1.6	20	1.5	20	940	± 0	CeramicEpoxyresin

TypeNo.	Absolutemaximum Ratings				PO (mW/sr) Typ.	VF		λp (nm) Typ.	$\Delta \theta$ (deg) Typ.	
	IF(mA)	VR(V)	P(mW)	Topr.()		IF(mA)	(V) Max.			
EL-1KL3	100	5	170	-40~+100	15.0	100	1.7	100	940	± 5
EL-1L7(D)	100	5	100	-30~+70	15.4	100	1.7	100	940	± 0

PartNo	Product No	Description	Po(mW)	Vf@If(mA)	λP (nm)	θ (deg)	Ifmax.	Vrmax.	Package
1882	SY-IR48	紅外線發射二極體	1.8mW/40mA	1.6V/20mA	940	± 0	100mA	5V	TO-18
1884	SY-IR53A	紅外線發射二極體	20mW/20mA	1.6V/20mA	940	± 5	100mA	5V	Epoxyresin
2883	SY-IR74Y	紅外線發射二極體	1.8mW/20mA	1.6V/20mA	940	± 5	60mA	5V	Epoxyresin
3773	EL-1KL3	紅外線發射二極體	170	1.7V/100mA	940	± 5	100mA	5V	TO-18
3851	EL-1L7(D)	紅外線發射二極體	100	1.7/100mA	940	± 0	100mA	5V	-
10278	SY-IR30B	紅外線發射二極體	1.5mW/20mA	1.6V/20mA	940	± 0	60mA	5V	Ceramic Epoxyresin
10283	SY-IR12	紅外線發射二極體	0.7	1.6/20mA	940	± 0	50mA	5V	Ceramic Epoxyresin
10286	SY-IR15	紅外線發射二極體	0.7	1.6V/20mA	940	± 0	50mA	5V	SOT-23
10297	SY-IR10	紅外線發射二極體	0.7	1.6V/20mA	940	± 5	50mA	5V	Epoxyresin