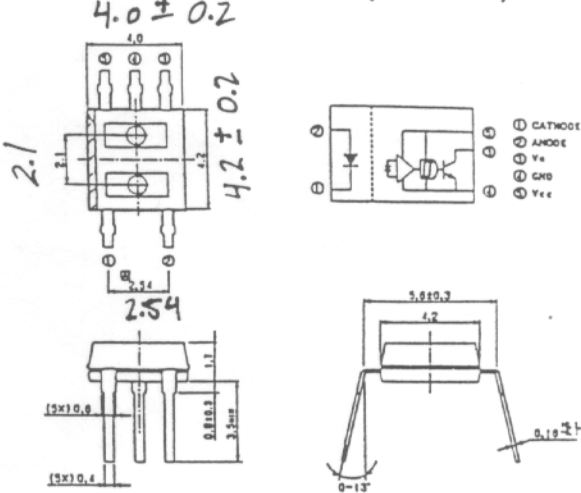


■ABSOLUTE MAXIMUM RATINGS(Ta=25°C)

Parameter		Symbol	Value	Unit
Input	Forward Current	IF	50	mA
	Reverse Voltage	VR	5	V
	Power Dissipation	P	75	mW
Output	Supply Voltage	Vcc	-0.5 to 7	V
	Output Voltage	Vo	-0.5 to 7	V
	Output Current	Io	16	mA
	Power Dissipation	Po	80	mW
Operating Temperature		Topr	-25 to +85	°C
Storage Temperature		Tstg	-30 to +85	°C

■Dimensional Outline (Unit:mm)

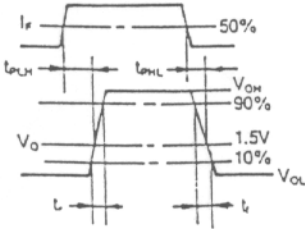
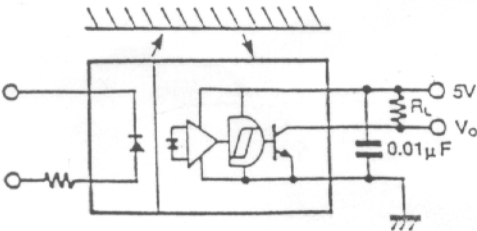


■ELECTRICAL & OPTICAL CHARACTERISTICS(Ta=25°C)

Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit
Input	Forward Voltage	VF	IF=20mA	-	1.23	1.45	V
	Reverse Current	IR	VR=5V	-	-	10	μA
	Terminal Capacitance	Ct	V=0V,f=1MHz	-	30	-	pF
Output	Operating Supply Voltage	Vcc		2.2	-	7	V
	Low Level Output Voltage	VOL	Vcc=5V,IOL=4mA,IF=0mA	-	0.1	0.4	V
	High Level Output Current	IOH	Vcc=Vo=5V,IF=15mA	-	-	10	μA
	Low Level Supply Current	ICCL	Vcc=5V,IF=0mA	-	1.3	3.0	mA
	High Level Supply Current	ICCH	Vcc=5V,IF=15mA	-	1.3	3.0	mA
Transfer Characteristics	L→H Threshold Input Current	IFLH	Vcc=5V,RL=1.2kΩ,d=3mm Reflected Surface: White Paper (Reflectivity 90% Min.)	-	4.0	10	mA
	Hysteresis		IFHL / IFLH		0.8	-	-
	L→H Propagation Delay Time①	tPLH	Vcc=5V, IF=15mA RL=1.2kΩ	-	-	20	μs
	H→L Propagation Delay Time①	tPHL		-	-	30	μs
	Rise Time①	tr		-	0.07	-	μs
	Fall Time①	tf		-	0.03	-	μs

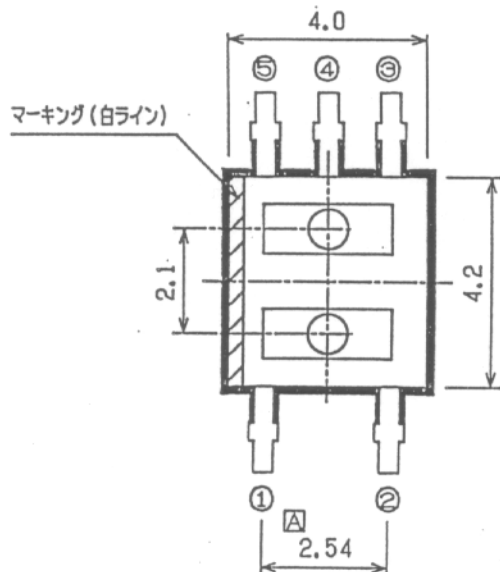
Connect a capacitor of more than 0.01 μF between Vcc and GND.

①Response Time Measuring Circuit

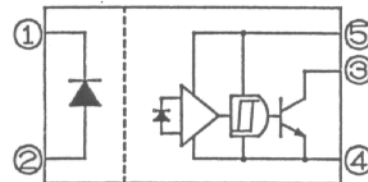


品名・型名	記号	訂 正 記 事	年 月 日	氏 名
P5587	a		19 . .	
	b		19 . .	
	c		19 . .	
	d		19 . .	
	e		19 . .	
配布先				

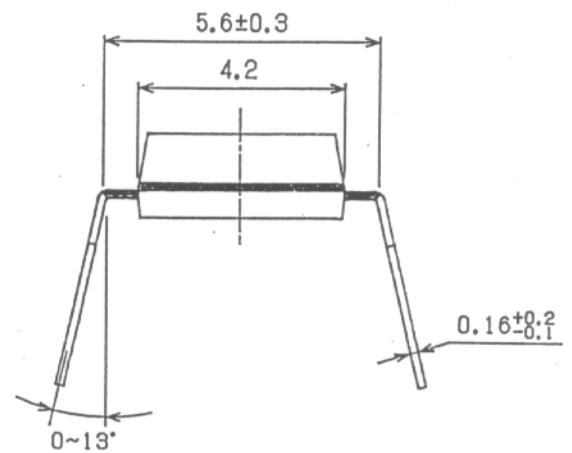
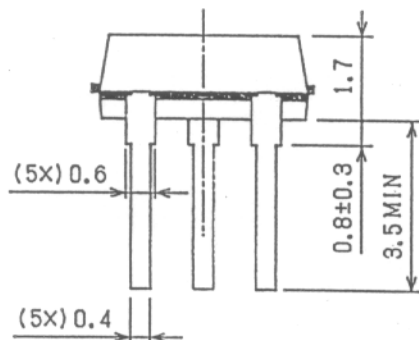
3. 外形寸法図 (単位: mm)



接 続 図



- ① CATHODE
- ② ANODE
- ③ Vo
- ④ GND
- ⑤ Vcc



注記

- ・指示なき寸法公差: ±0.2
- ・図部はリード根元部にて規定する
- ・色塗り部はバリを示す