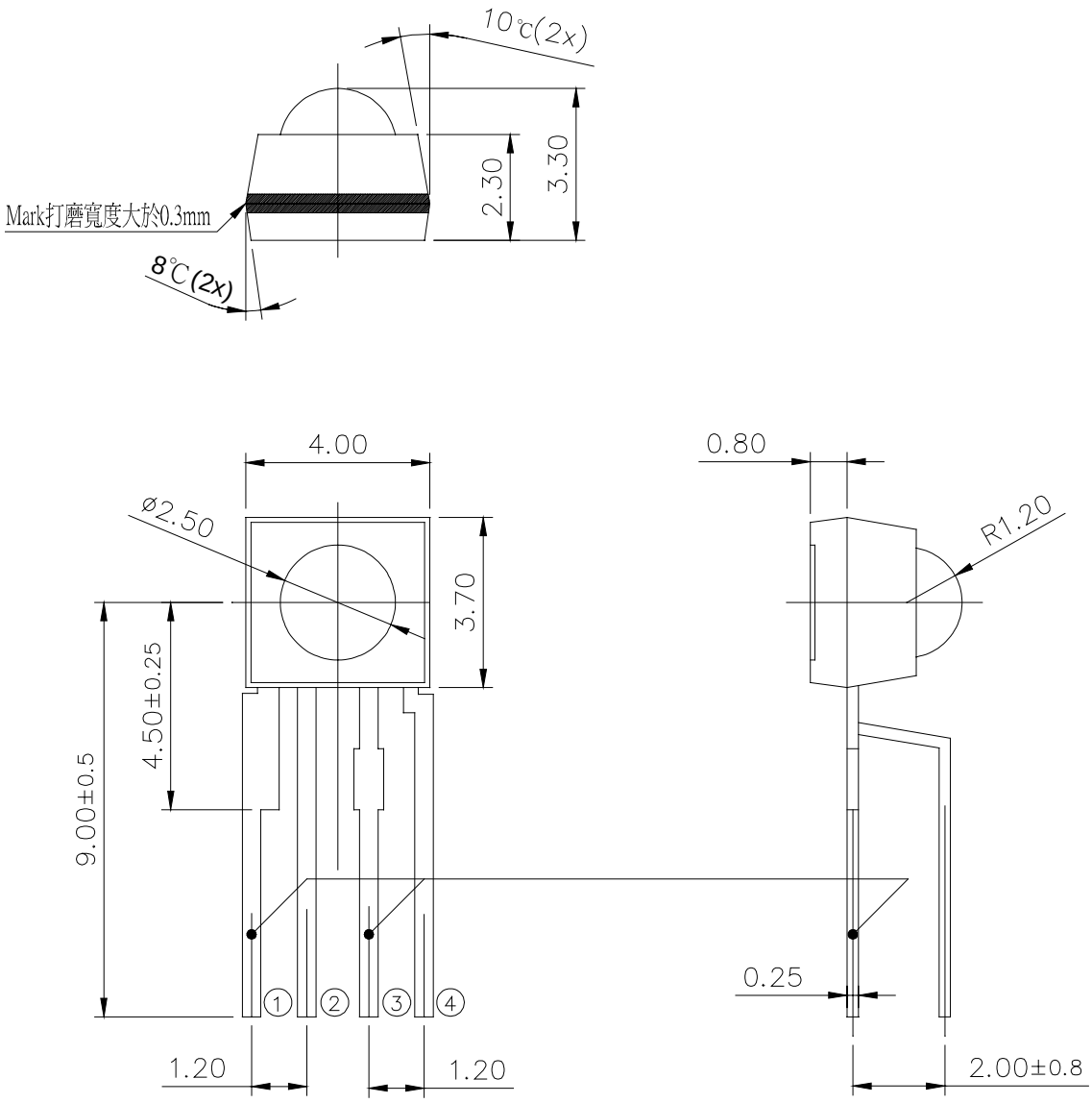
PRODUCT SPECIFICATION

DATE:05/30/2006

cosmo ELECTRONICS CORPORATION	Rambo IC： PS201LL-2	NO. 60S01006 SHEET 1 OF 2	VER. 1

Package dimensions :



Notes

1) All dimensions are in millimeters.
2) Tolerance is ±0.25mm unless otherwise note.
3) Protruded resin under flange 0.5 mm Max.
4) Load spacing measured where the leads emerge from the package.

Pin 1: Output B
Pin 2: Ground
Pin 3: Vcc
Pin 4: Output A

PRODUCT SPECIFICATION

DATE:05/30/2006

cosmo ELECTRONICS CORPORATION	Rambo IC : PS201LL-2	NO. 60S01006	VER. 1
		SHEET 2 OF 2	

Absolute maximum ratings :

(Ta=25℃, unless otherwise specified)

Characteristics	Symbol	Rating	Unit
Supply voltage	**Vcc**	**-0.2 ~ 7**	**V**
Other voltage		**-0.3 ~ Vcc +0.3**	**V**
Operating temperature	**Topr**	**-20 ~ +75**	℃
Storage temperature	**Tstr**	**-20 ~ +80**	℃

Optical-electrical characteristics :

(Ta=25℃, unless otherwise specified)

Parameter	Test Conditions	Symbol	Min.	Typ.	Max.	Unit
Supply voltage		**Vcc**	**3.5**	**5**	**5.5**	**V**
Supply current	**Vcc=5.5V all output low**	**Icc**		**0.1**	**3**	**μA**
Output current	**Vcc=5V, Voh=4.5V**	**Ioh**			**-450**	**μA**
	Vcc=5V, Vol=0.5V	**Iol**	**2.5**			**mA**

Timing chart :

OUT-A

OUT-B

