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电性参数

Supply Voltage	VDD	6.0	V
Operating ambient temperature	Topr	-20 C ~ +85 C	
Storage ambient temperature	Tstg	-40 C ~ +125 C	
Welding conditions	Tsol	Wave soldering 260℃ 6s manual welding 300℃ 3s	

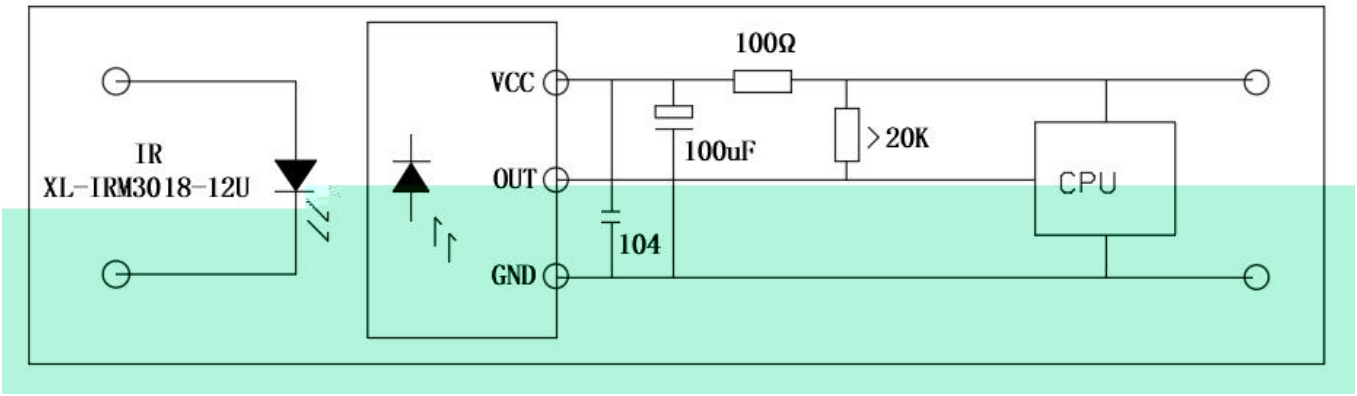
Working current	ICC		0.21	0.27	0.34	mA	VDD=5V
receive distance	L	0 °	10	12	-	M	/
	L	35 °	5	6	-	M	
	L	35 °	5	6	-	M	
Carrier Frequency	f_o		-	37.9	-	KHZ	/
BPF BPF width	f_{BW}		-	6	-	KHZ	/
Low level output	V_{ol}		-	-	250	mV	Isink=2.0mA
High level output	V_{oh}		4.5	-	5.0	V	VCC=5V
Pulse width	T_{pwl}		400	600	800	us	burst wave Vin=500UVp-p
	T_{PWH}		400	640	800	us	burst wave Vin=50mVp-p
Minimum pulse width	T_{burst}		350	-	-	us	Vin=50mVp-p
Minimum interval	$T_{burst\ gap}$		450	-	-	us	Vin=50mVp-p
Encoding pause time	T_{pause}		45	-	-	us	Vin=50mVp-p

* CH3018-12U, 1M 40W 200±50Lux.

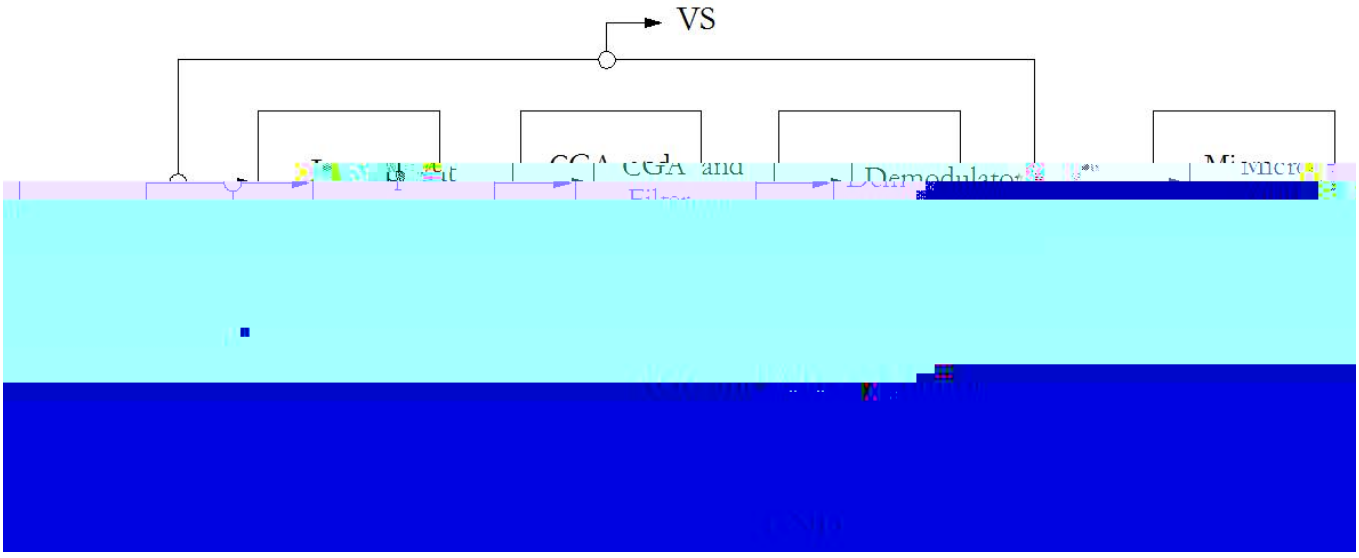
Recommended usage conditions

Supply Voltage	VDD	2.7	-	5.5	V
input frequency	FM	-	37.9	-	KHZ
Operating temperature	Topr	-	25	-	° C

Application circuit diagram



schematic diagram



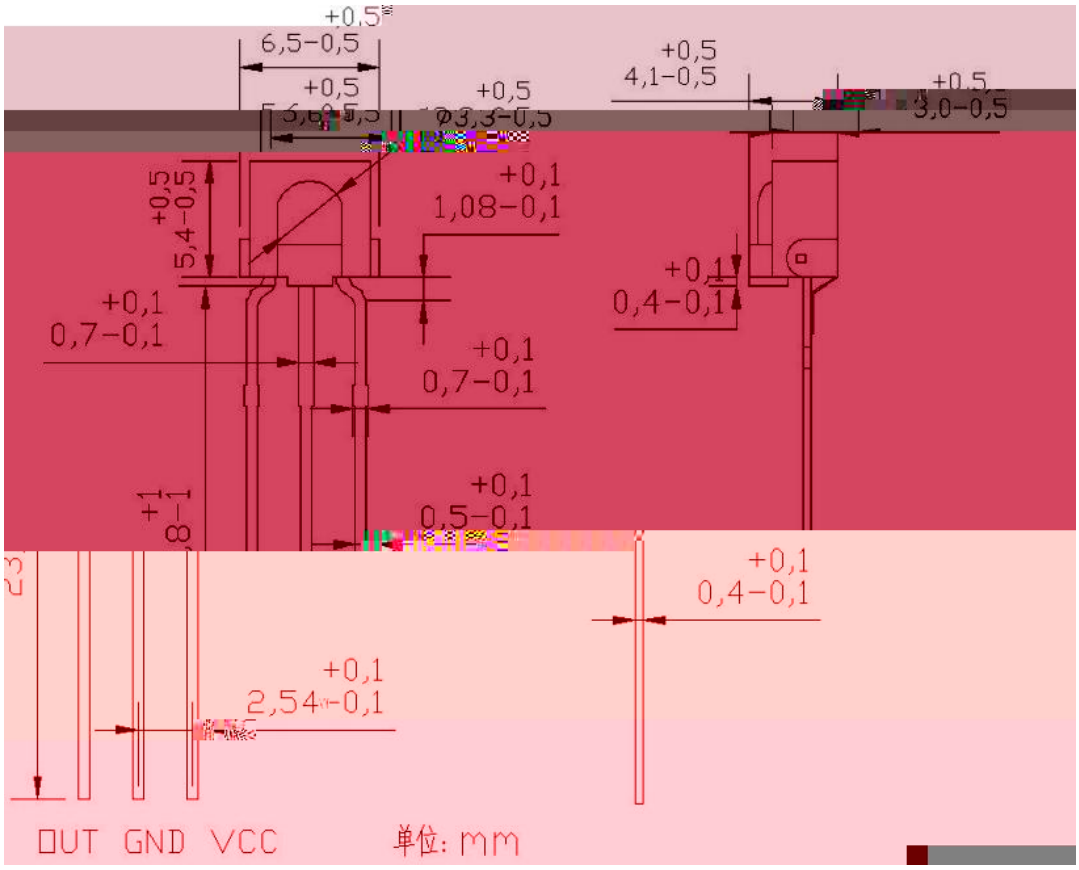
可靠性试验

Reliability Test Items And Conditions

*

	260 ±5	5	20	20
	100PF 1.5KΩ, 4KV,	-	20	20

外形尺寸



(Note)

1.

Dimensions are in millimeters.

2. ± 0.25mm .

Tolerances unless mentioned are ± 0.25mm.

包装

*
In Bags

*
Moisture Proof and Anti-Electrostatic Foil Bag

使用注意事项（1）

[redacted]

LED

This Infrared receiver head can be used in some ordinary electronic equipment, such as office equipment, communication equipment, house decoration, if LED is used in some high reliability requirements, such as air transportation, traffic control and medical liao equipment, must refer to the information provided by sales.

2

85 70%

Storage environment of Infrared receiver head with temperature not exceeding 30 and relative humidity not exceeding 70%.It is recommended that Infrared receiver head be used in the original box for no more than three months. If longer storage time is required, put it in the drying box and add desiccant or filled with nitrogen.

3

Special care must be taken when cleaning colloids with chemicals, as some chemicals have damage to the colloidal surface and cause fading such as trichloroethylene, propylene, ketone, etc.It can be wiped and soaked with ethanol for no more than 3 minutes at room temperature.

1 2

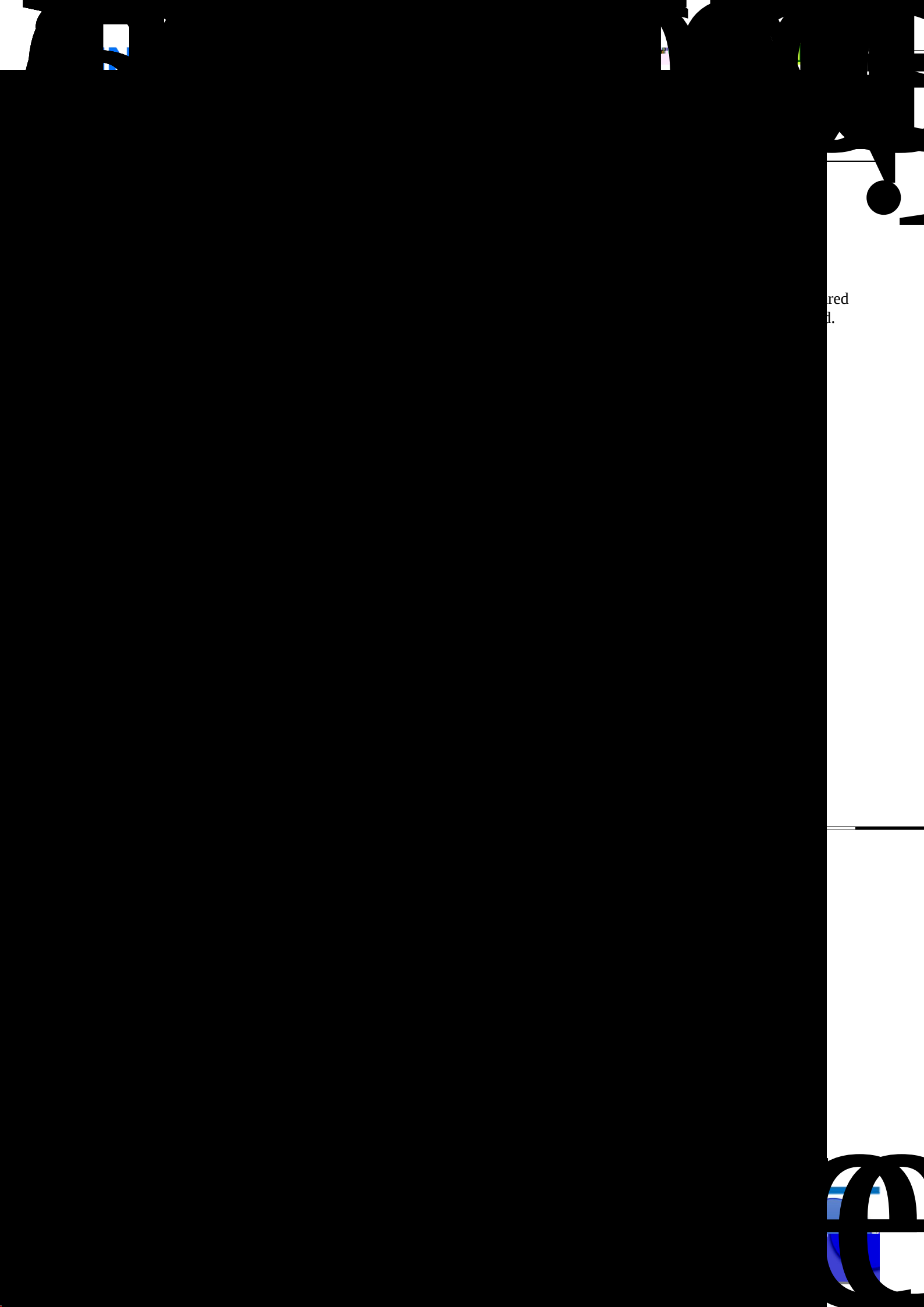
It must be 2 mm from the colloid to bend the bracket.

2

Support forming must be done with fixtures or by a professional.

3

Support forming must be



使用注意事项（3）

Precautions (3)