



承认书

SPECIFICATION FOR APPROVAL

客 户 Customer	:	
客 户 批 号 Customer Part No.	:	
并 日 型 号 Bingri Part No.	:	R656TP24JOY000
制 作 人 Prepared By	:	日期 Time: 2020/03/20
审 核 Checkedy	:	日期 Time: 2020/03/20
客 户 回 签 Customer Comfirmation	:	日期 Time:

并日电子科技（深圳）有限公司

BING RI ELECTRONIC TECHNOLOGY (S.Z.) CO.,LTD

3F,B3 Merchants Guangming Science Park , Guanguang Road, Guangming New District, Shenzhen

Tel: +86-755-27166966 27166662 27166663

Fax: +86-755-27166691

客户意见栏 (Customer' S Proposal)

Approve 承认 (请于认可栏中签名) Disagree 不同意

Reason 原因: _____

版 本 (Version): 1.3



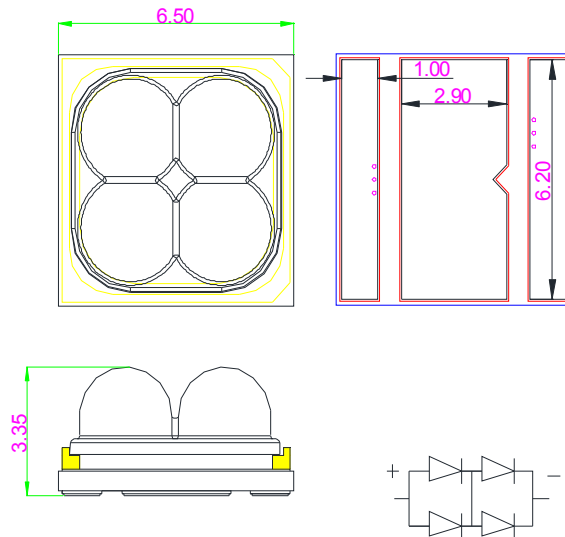
● **Features:**

1. Emitted Color: UVC
2. Lens Appearance: Quartz
3. 6.5x6.5x3.35mm standard package.
4. Suitable for all SMT assembly methods.
5. Compatible with infrared and vapor phase reflow solder process.
6. Compatible with automatic placement equipment.
7. This product doesn't contain restriction Substance, comply ROHS standard.

● **Applications:**

1. UVC sterilize

● **Package Dimensions:**



NOTES:

1. All dimensions are in millimeters
2. Tolerance is ± 0.10 mm unless otherwise specified.



● **Absolute Maximum Ratings (Ta=25°C)**

Item	Symbol	Value	Unit
Power Dissipation	PD	4	W
DC Forward Current	IF	300	mA
Single Chip Pulsed Forward Current	IFP	300※	mA
Reverse Voltage	VR	10	V
Operating Temperature	Topr	-30 ~ +80■	°C
Storage Temperature	Tstg	-40 ~ +120	°C
Soldering Temperature	Tsol	260for5sec△	°C

※Duty 1/10, Pulse Width 0.1ms.

△Soldering time max 10sec

■please refer to IF-Ta diagram of curves for the temperature during application

● **Parameter**

Parameter	Symbol	Value			Unit	Test condition
		Min.	Typ.	Max		
Forward Voltage	Vf	-	12	-	V	IF=300mA
Reverse Current	Ir	-	-	10	μ A	Vr=10V
Viewing angle	2θ1/2	-	30	-	Deg	IF=300mA
Peak Wavelength	λp	270	275	280	nm	IF=300mA
Luminous Power	Po	80	100	130	MW	IF=300mA



● **Soldering :**

1. Manual Soldering

The temperature of the iron tip should not be higher than 350°C and Soldering time to be within 3 seconds per solder-pad.

2. Reflow Soldering

Preheating : 140°C~160°C±5°C, within 2 minutes.

Operation heating : 260°C (Max.) within 10 seconds. (Max)

Gradual Cooling (Avoid quenching).

