

Specification for approval

Customer Name _____

Customer P/N _____

Factory P/N _____

Rev. V1

Date 2021-11-22

Package Size 3.5 (L) × 2.8(W) × 0.70 (T) mm
 3.5()*2.8()*0.70()mm

Suitable for different working environment

Low power consumption and wide viewing angle

This product doesn't contain restriction Substance, comply ROHS standard
 ROHS

TV set

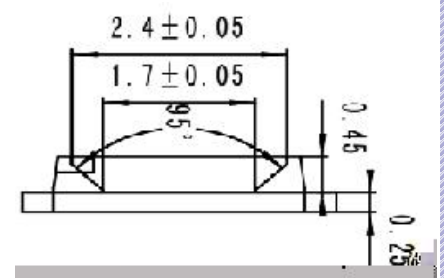
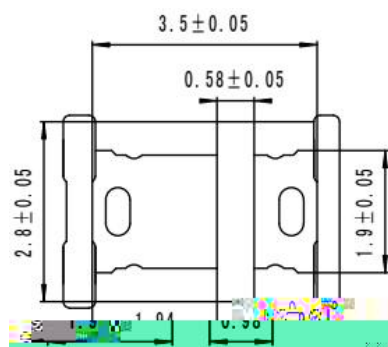
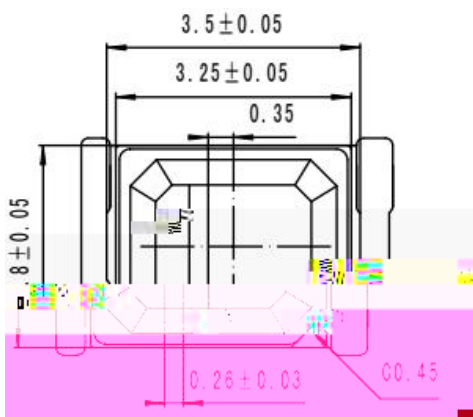
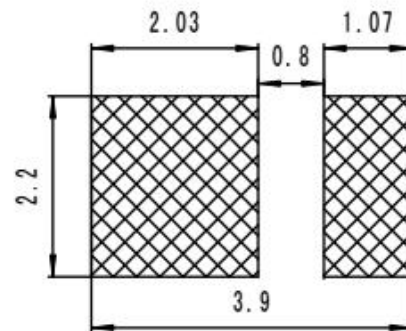
General lighting

Tubular light application

Flat backlight for LCD

Backlight for LCD, switch and Symbol, display
 LCD

Other illumination and displays



Notes

1. All dimensions are in millimeters
2. All dimensions tolerance are ± 0.25 mm unless otherwise noted.

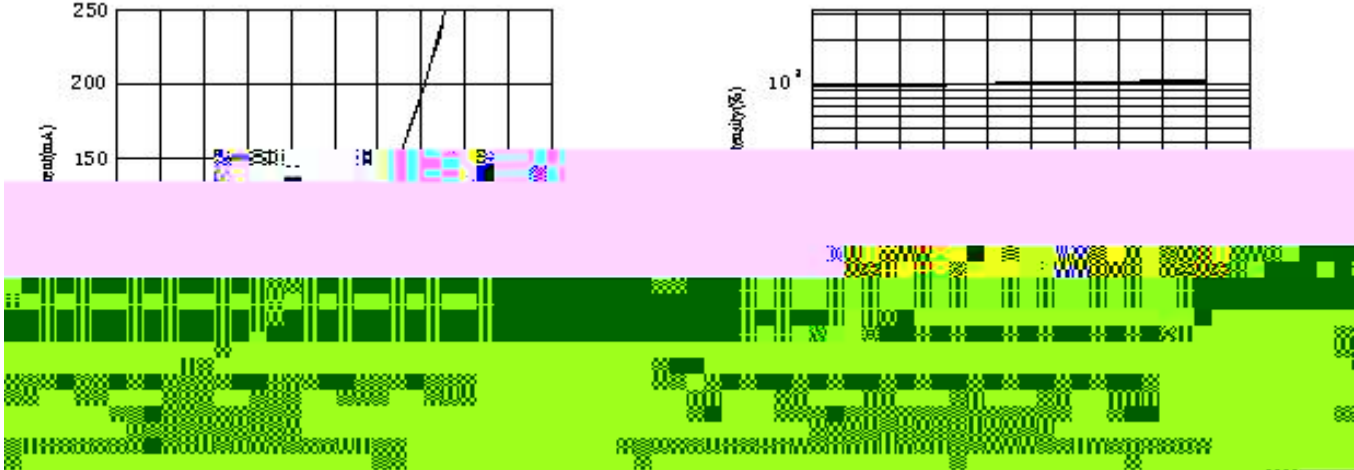
Part No.	Material	Color		Luminous Flux(lm) @150mA			Viewing angle
		Emitting color	Lens color	Min	Typ	Max	

Notes

- the above 2 1/2 measurement allowance tolerance $\pm 5^\circ$
- the above luminous flux measurement allowance tolerance $\pm 10\%$

Pulse Forward Current ()	Ifp	180	mA
Power Dissipation ()	Pd	500	mW
Reverse Voltage ()	VR	5	V
Electrostatic Discharge ()	ESD	2000	V
Operating Temperature ()	Topr	-25 +85	
Storage Temperature ()	Tstg	-40 +100	

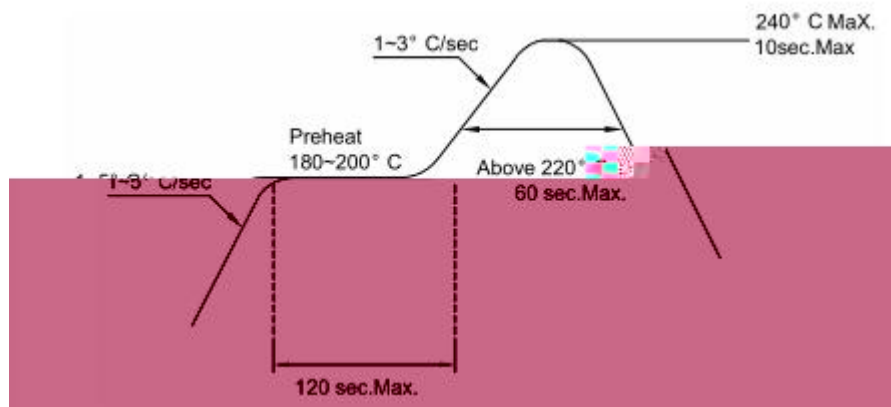
Forward voltage	VF	IF=150mA	2.8	--	3.4	± 0.05	V
Reverse leakage current	IR	VR=5V	--	--	5	± 0.5	μ A
Color Temperature	Tc	IF=150mA	--	--	--	--	k
Color rendering index	Ra	IF=150mA	--	--	--	--	/



Item	Symbol	Test Conditions	Criteria for Judgement	
			Min	Max
Forward Voltage	VF	IF 150mA		U.S.L*)x1.1
Reverse Current	IR	VR=5V		U.S.L*)x2.0
Luminous Flux	LM	IF=150mA	L.S.L*)x0.7	

U.S.L: Upper standard level

L.S.L: Lower standard level



1. Reflow soldering should not be done more than two times. many times reflow soldering has destructive effect to the product

2. When soldering , do not put stress on the LEDs during heating

1. Hand Solder should not be using hand soldering iron, suggest using heating operation, the use of solder paste melting point under 220 , the heating temperature set less than or equal to 240 , the time is not more than 10 s, a welding is complete, multiple welding products are destructive
2. Handle the component along the side surface by using forceps or appropriate tools; do not directly touch or Handle the silicone lens surface, it may damage the internal circuitry.



1. The operation of Temperatures and RH are : 30 ,RH<60%.
30 ,RH<60%.
2. Once the package is opened, the products should be used within 8hours, Otherwise, more than the dehumidification process, dehumidifying conditions: reel 70 / 6 ~ 8 h, bulk LED150 / 3 h
8H
3. Considering the operation environment of temperature and humidity ,we suggest our customers to use our products within three months (from production date), More than 3 months with toasted constant temperature 70 5 for 6 ~ 8 hours desiccant (need to get rid of aluminum foil bag packing).

LIGHT[®]

