

Approval Sheet

Customer: _____

Item: _____ TOP VIEW LEDS

Part No.: _____ WLUB0603A-341

Customer P/N: _____

PREPARED BY	CHECKED BY	APPROVED BY

SIGNATURE	CHECKED BY	APPROVED BY

供方签章：
SUOOLIER:

日期：
DATE:

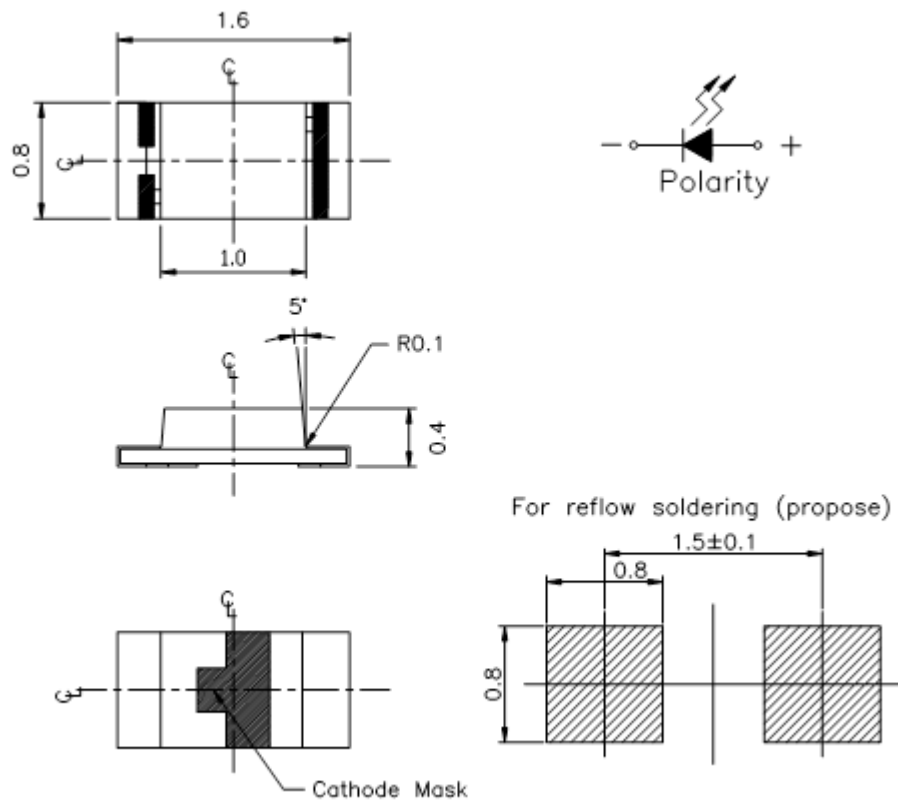
客户签章：
CUSTOMER:

日期：
DATE:

备注：承认签章后请回复一份（或复印件）给我公司，其余由贵司留作存盘。如果在签章的承认书（或复印件）回复我司之前，下了有关此零件的订单且又无特殊说明，那么我司就确定贵司已完全承认。

Please return one specification or one copy of it with your chop and signature of approval and retain the others for your record. In the event of an order being placed for this part number before the chop and signed with specification (or copy) is returned and without special explanation, it will be assumed that full approval have been given.

TYPE NO: WLUB0603A-341



PACKAGE DIMENSIONS

Note:

1. All Dimensions are in millimeters
2. Tolerance is ± 0.1 mm Unless otherwise specified.

Device Selection Guide

Emitting Color	Lens Type
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Blue	Water clear
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Absolute Maximum Ratings at Ta=25℃

Parameter	Symbol	Max	Unit
Power Dissipation	P _d	100	mW
Peak Forward Current 1/10 Duty Cycle,0.1ms Pulse Width	I _{FP}	100	mA
Forward Current	I _F	30	mA
Reverse Voltage	V _R	5	V
Operating Temperature Range	T _{opr}	-40℃ to+100℃	
Storage Temperature Range	T _{stg}	-40℃ to+110℃	
Lead Soldering Temperature 【3mm From Body】	T _{sol}	260℃ For 5 Seconds	

Electrical Optical Characteristics at Ta=25℃

Parameter	Symbol	Min	Typ	Max	Unit	Condition
Forward Voltage	V _F	2.9	---	3.5	V	I _F =20mA
Luminous Intensity	I _v	30	80	----	mcd	I _F =20mA
Dominant Wavelength	λ _d	465	---	475	nm	I _F =20mA
Reverse Current	I _R	/	/	10	μA	V _R =5V
Viewing Angle	2θ1/2	/	120	/	deg	I _F =20mA

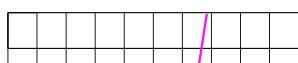
Note.

- 1.Tolerance of Luminous Intensity:11%
- 2.Tolerance of Dominant Wavelength:±1nm
- 3.Tolerance of Forward Voltage:±0.1V

Typical Electro-Optical Characteristics Curves

Relative Luminous Intensity vs Forward
Current, T_{Ambient}=25oC

Relative Luminous Intensity vs Forward
Current, T_{Ambient}=25oC

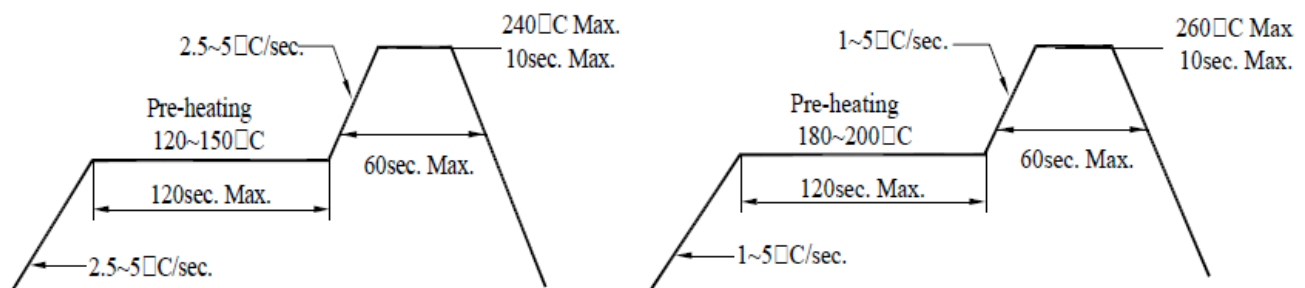


Soldering condition

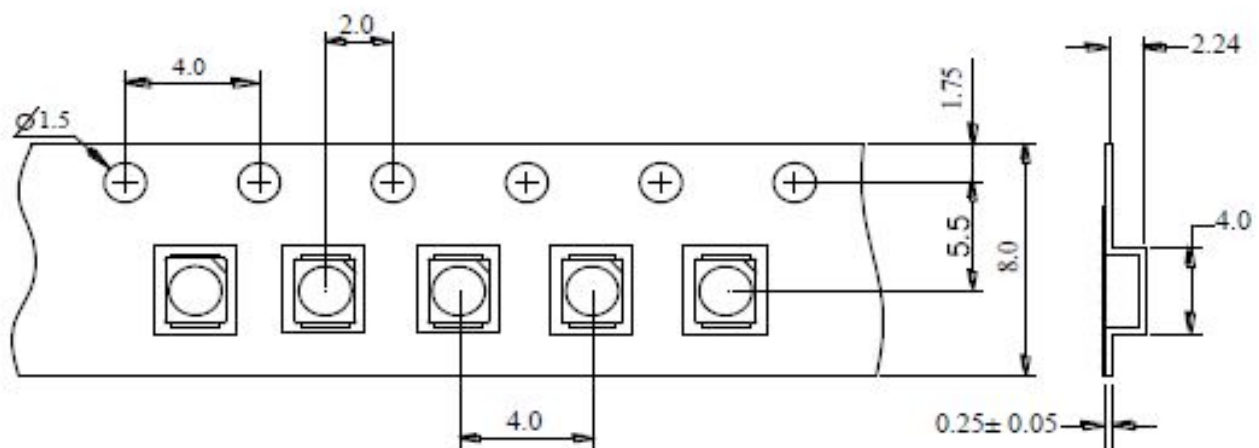
Reflow Soldering			Hand Soldering	
	Lead Solder	Lead – free Solder		

Pre-heat	120~150□	180~200□	Temperature	350□ Max.
Pre-heat time	120sec. Max.	120sec. Max.	Soldering time	3sec. Max. (one time only)
Peak temperature	240□ Max.	260□ Max.		
Soldering time	10sec. Max.	10sec. Max.		
Condition	refer to Temperature- Profile 1	refer to Temperature- Profile 2		

Temperature profile in re-flow machine for lead type and lead free type



Dimension of carrier tape



Dimension of reel



Notes:

1. All dimensions are in mm, tolerance is ± 2.0 mm unless otherwise noted.
2. Specifications are subject to change without notice.

Packing

1. 2000 piece of SMD 3528 Products on one reel. The reel will be put in the anti-static bag, then sealed.
2. 2000 piece of SMD 3528 products on one bag.