





## Absolute Maximum Ratings at Ta=25

Parameter	MAX.	Unit
Power Dissipation	100	mW
Continuous Forward Current	60	mA
Peak Forward Current <sup>*2</sup>	400	mA
Reverse Voltage	5	V
Electrostatic Discharge (HBM) <sup>*3</sup>	4000	V
Moisture Sensitivity Level <sup>*1</sup>	4	
Operating Temperature	-40 to + 85	
Storage Temperature	-40 to + 100	
Reflow Condition	260 MAX for 10 Seconds	

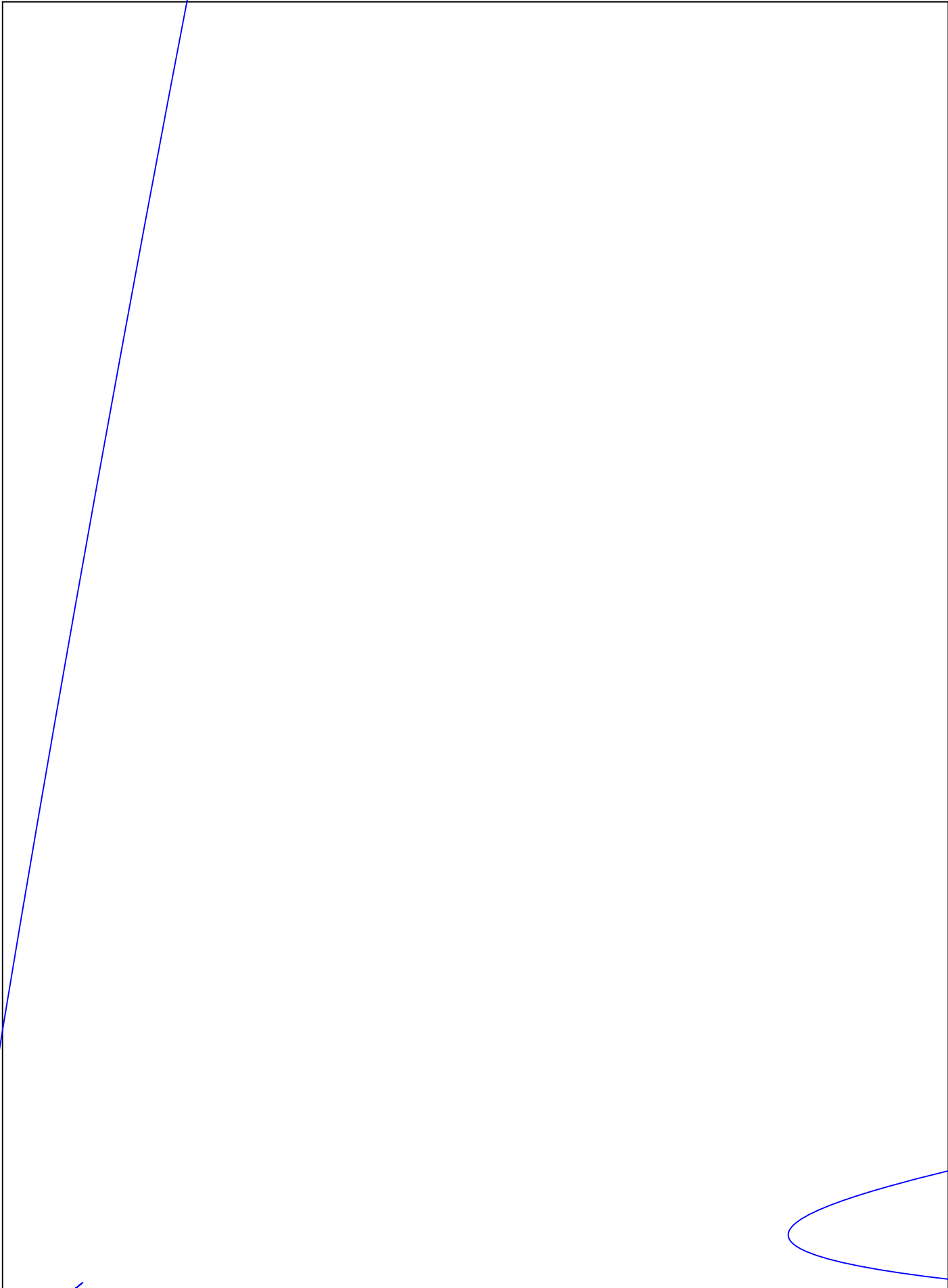
### 1. Storage and operating:

- (1). Storage requirements before vacuum bag opened: Temperature<30 , Humidity<65%RH;
- (2). Check air leakage and vacuum bag damage before opened. If there is any issue found, check the humidity indicator card immediately after bag opened:
  - a. If color changes on “10% circle” of the humidity indicator card only and not the circles of 20% and above, components can be used without additional handling;
  - b. If color changes on both 10% and 20% circles but not the circles of 30% and above, components must be dehumidified according to the conditions of bullet (5);
  - c. If color changes on 10%, 20%, and 30% circle or above, the product should be returned to the supplier for high temperature dehumidification;
- (3). After bag opened, manual soldering or reflow process must follow the following requirements:
  - a. Complete soldering / reflow within 72 hours;
  - b. Requirements of working environment: Temperature<30 , Humidity<60%RH;
- (4). If the working condition is outside (3)a requirement, the components must be dehumidified according to the conditions of bullet (5);
- (5). Low temperature dehumidification: temperature 60±5 , at least 24 hours;



## Electrical Optical Characteristics at Ta=25

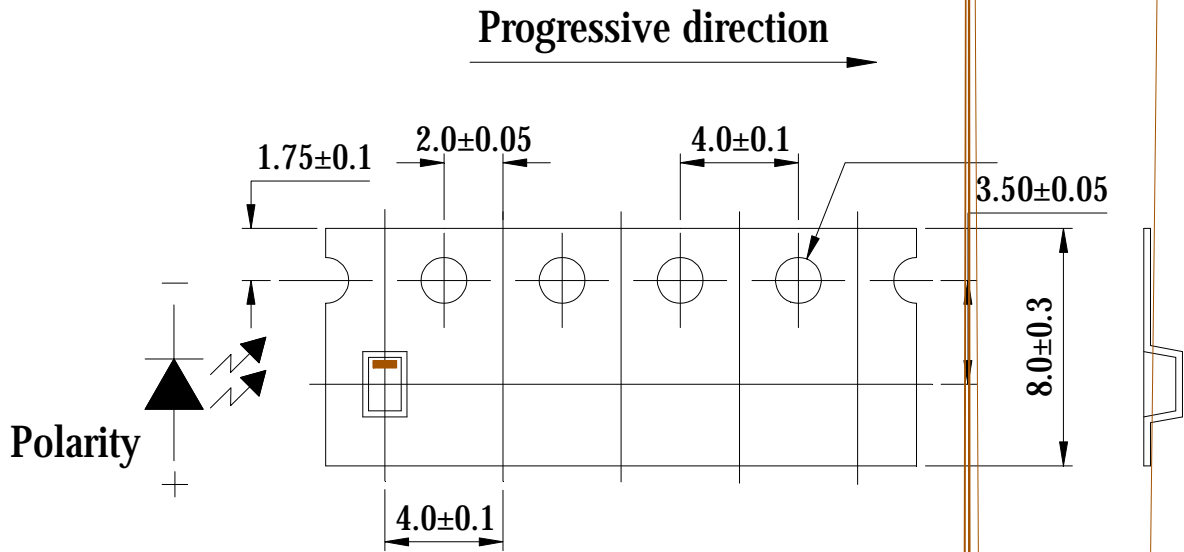
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Radiant Intensity	Ie	7.0	11.6	21.0	mW/sr	



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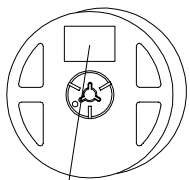


## Carrier Tape Specifications (Loaded Quantity: 3000pcs/reel)

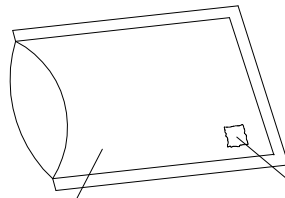


**Note:** Tolerance unless mentioned is  $\pm 0.1$  mm; Unit = mm

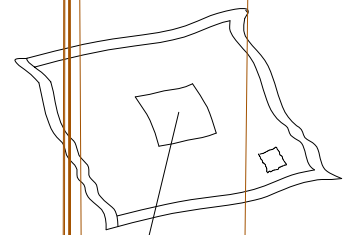
## Moisture Resistant Packaging



LIGHT universal Label



Aluminum moisture-proof bag



Customer defined Label or LIGHT universal Label



