



I T A

Absolute Maximum Ratings at Ta=25°C

Parameter	MAX.	Unit
Power Dissipation	150	mW
Continuous Forward Current	100	mA
Peak Forward Current ^{*3}	1.0	A
Reverse Voltage	5	V
Operating Temperature	-40 to + 85	
Storage Temperature	-45 to + 100	
Wave Soldering Condition	260 for 5 Seconds	

1. Storage

The storage ambient for the LEDs should not exceed 70% relative humidity.

LED 70%

It is recommended that LEDs out of their original packaging are used within three months.

LED

It is recommended that LED be used in 168hrs after opening the package. If extended, use 70% RH before baking more than 12hrs.

LED 168hrs 70% RH 12hrs

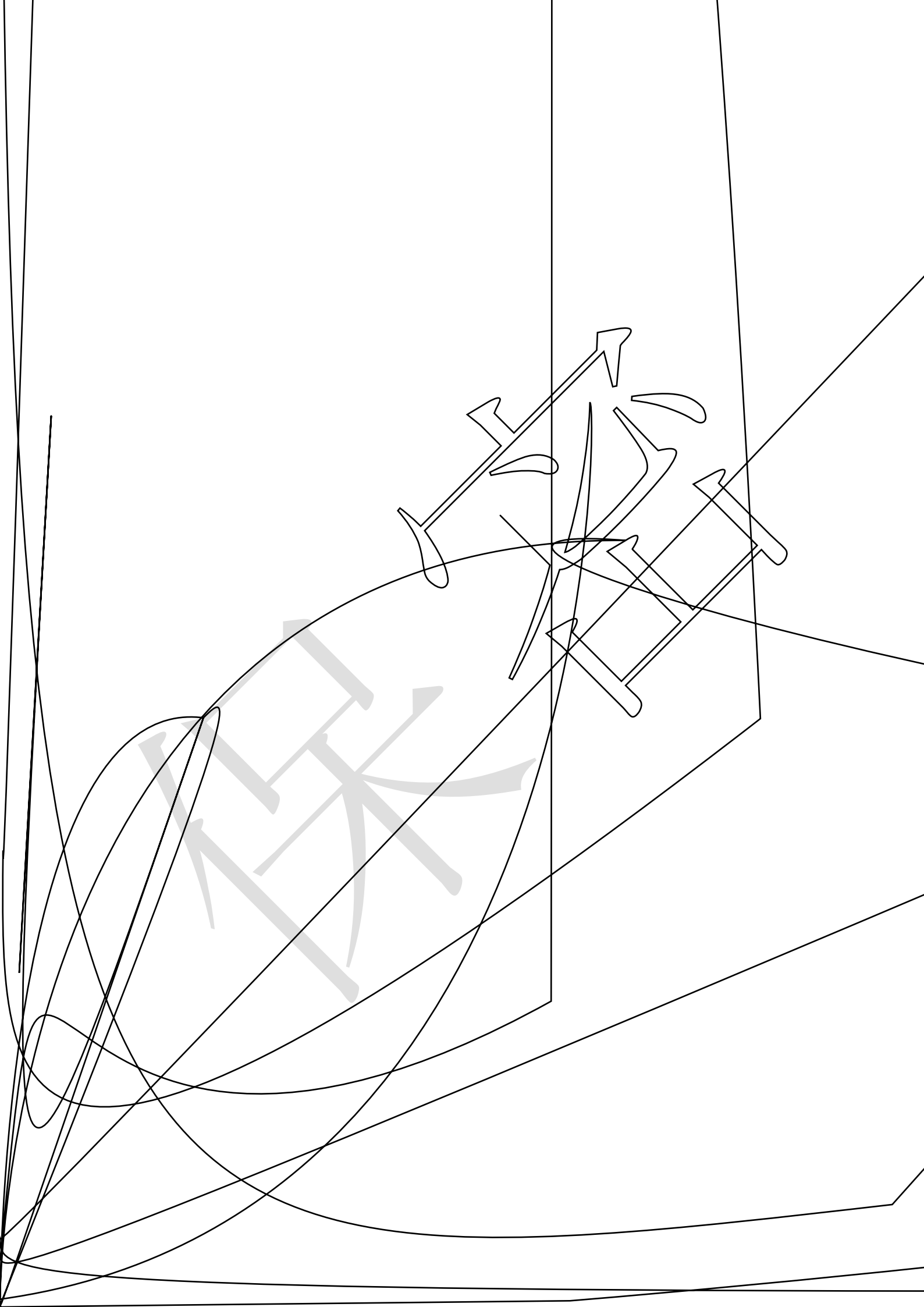
2. Precautions in handling:

- When soldering, leave 2mm of minimum clearance from the resin to the soldering point.
2mm
- Dipping the resin to solder must be avoided.
- In soldering, do not apply any stress to the lead frame particularly when heated.
- When forming a lead, make sure not to apply any stress inside the resin.

3. Peak Forward Current:

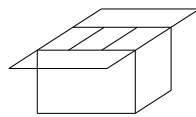
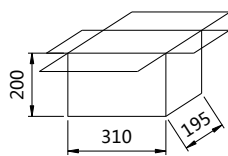
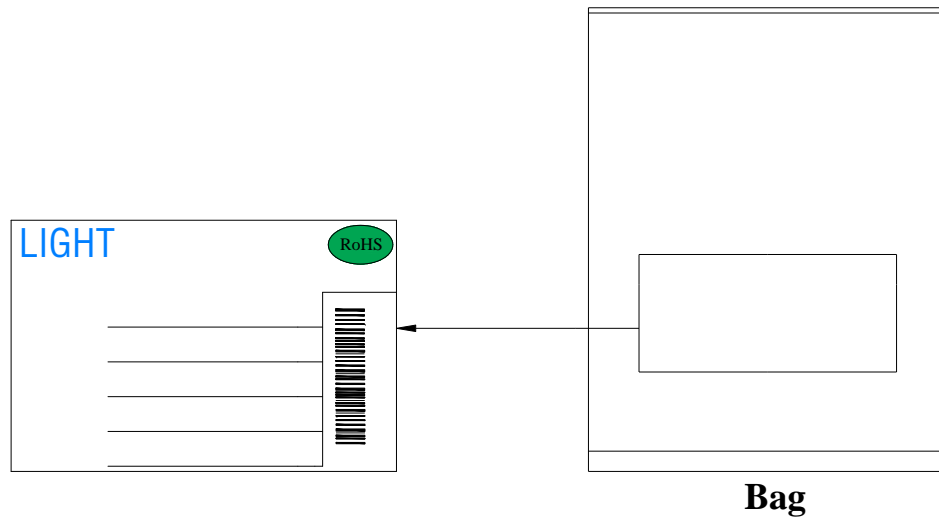
Condition for I_{FP} pulse Pulse Width 100µs and duty 1%.

1% 100µs

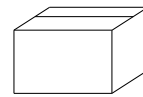




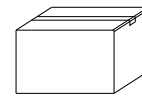
PACKAGE



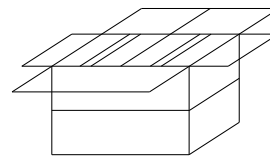
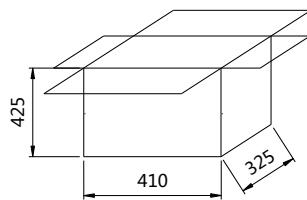
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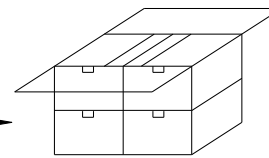
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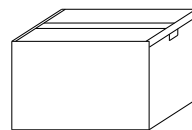
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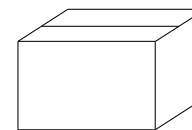
1



2



4



3

Bag minimum volume (pcs / Bag)	Bag volume (pcs / Bag)	Inner box volume (Bag / box)	Outer carton volume (Box / Carton)
250	1000	10	4