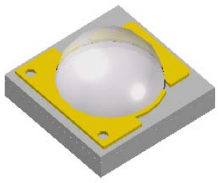
High Power 3535 LED

VH 353526T

Description

These series high brightness blue emitting LEDs are made from the most efficient InGaN technology in High driving current 350mA. The typical Optical efficiency output can be 30lm when driving at 350mA. Customized colors are available, from blue, green to yellow and red, view angles also available from 30, 60, 90 to 120 degree.



Applications

- Portable lighting
- Commercial lighting
- Outdoor lighting
- Industrial lighting

RoHS

Pb
pb-free

Electronic Optical Characteristics (at 350 mA):

Part Number	Emitted Color	λ (nm)		Lens Color	Flux(lm)		View Angle (2θ1/2)	VF(V)	
		λ d	λ p		Min.	Typ.		Min.	Max.
VH 353526T	Blue	470	468	Clear	25	30	120	2.8	3.6

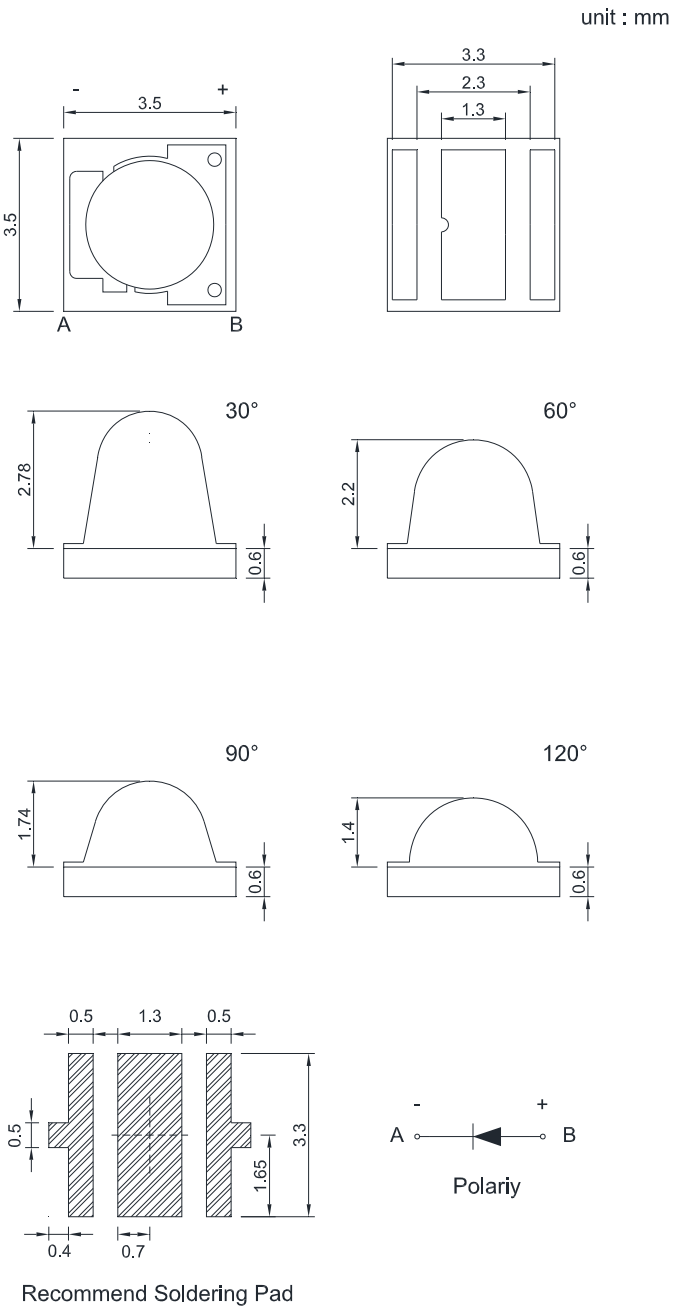
Absolute Maximum Ratings (at Ta=25℃)

IFP(mA)	IF(mA)	Soldering Temperature(℃)	IR(uA)@$V_{R=}$5V	Topr(℃)	Tstg(℃)
700*	350	260 for 5 seconds	10	-20~+80	-40~+80

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specify ratings in this table will result degradation of LED life-span and may cause LED to fail.

＊IFP: Peak Forward Current under 1/10 duty, 1KHz condition

Package Dimension:



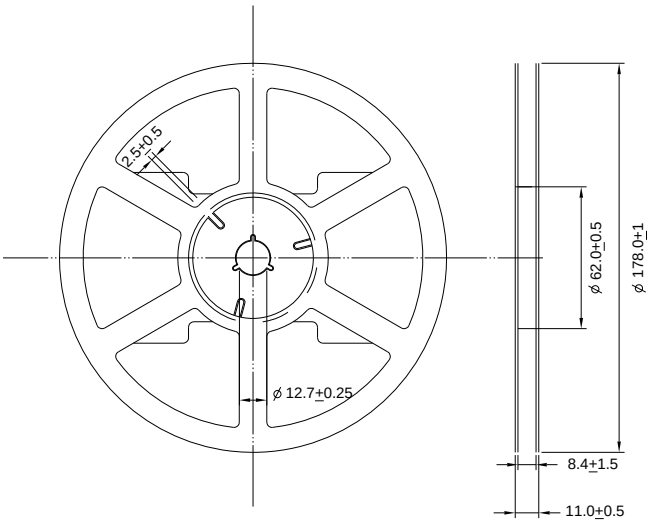
Recommend Soldering Pad

Notes:

1. All dimensions are millimeters.
2. Dimensional tolerance is +/- 0.2mm unless otherwise specified.
3. Specifications are subject to change without notice.

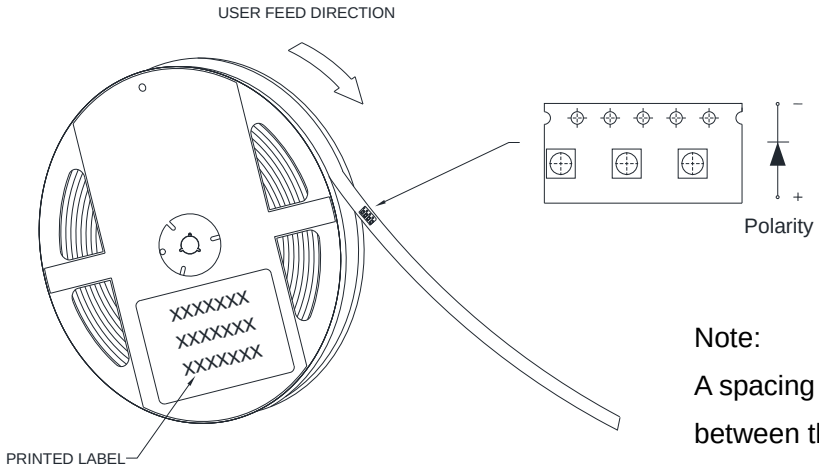
Reel Dimension:

unit : mm



Note:

Available in 12mm carrier tape on 178mm diameter reels. (1,000 pieces)

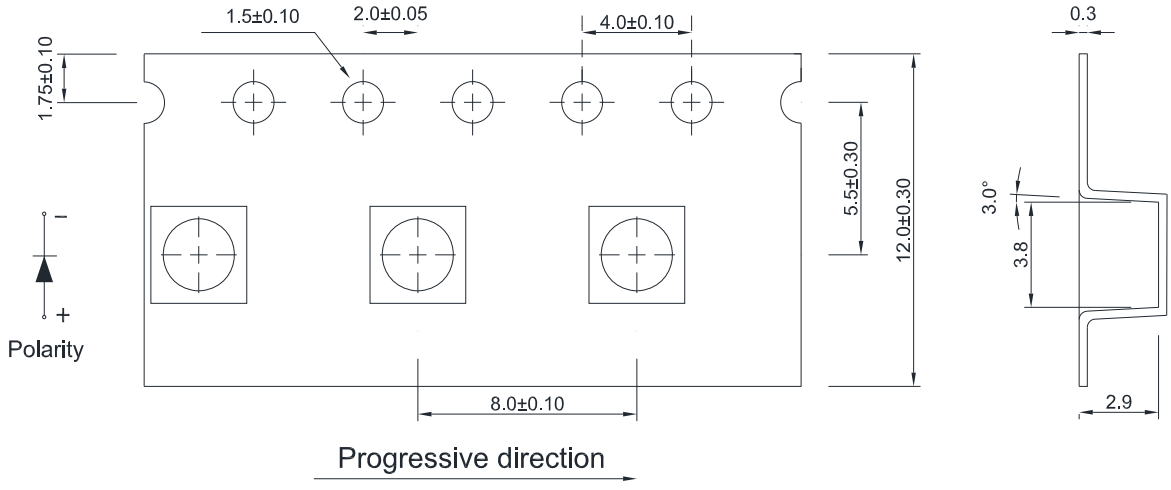


Note:

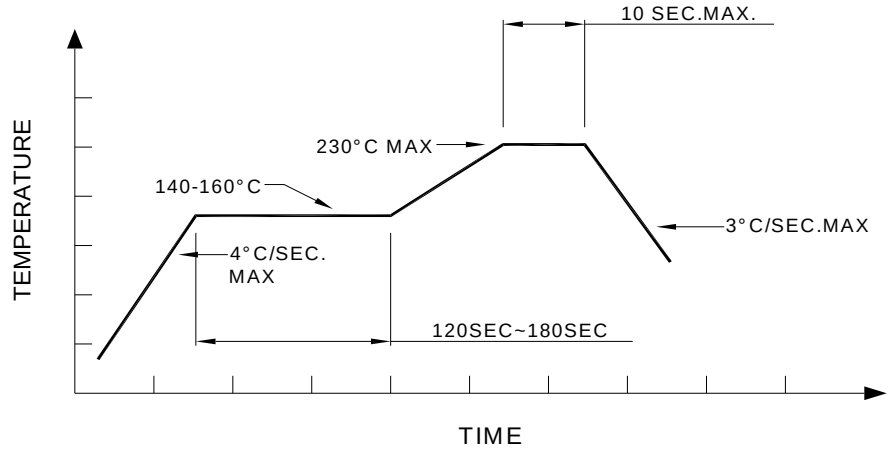
A spacing of approximately 160mm between the front edge of tape

Tape Dimension:

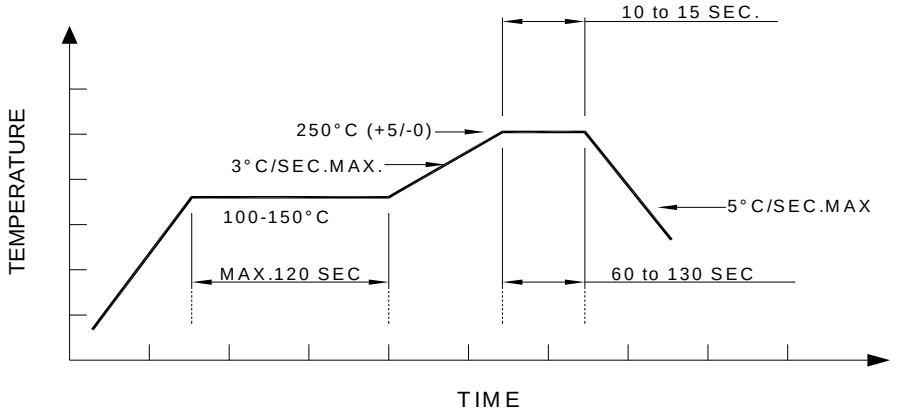
unit : mm



Recommended re-flow soldering profile:



Recommended Pb-free re-flow soldering profile:



Note:

All the specifications listed in this data sheet are suitable for general electronic equipment, office equipment and communication devices. Kindly consult Sales Representatives for specific reliabilities request, Forward Voltage, Luminous Intensity, Wavelength, Radiant Power or Viewing Angle.