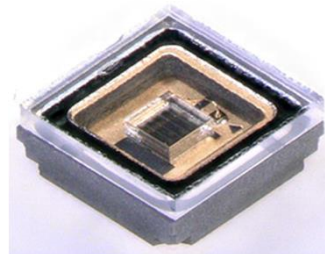
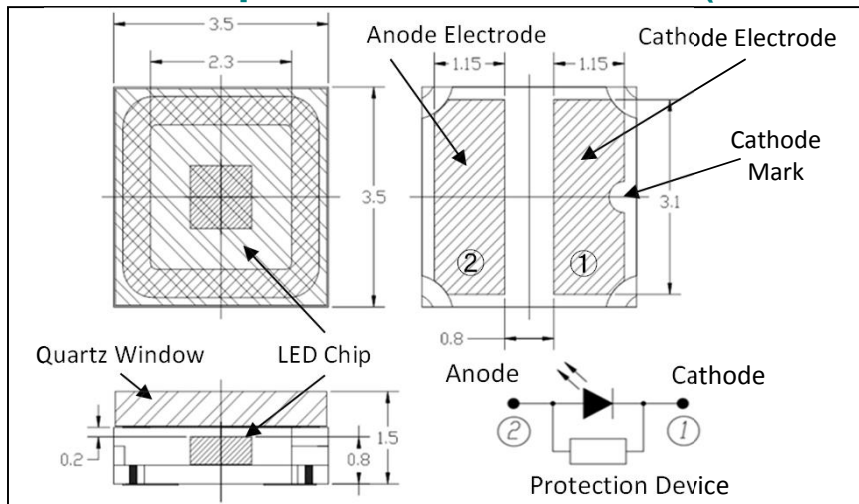


MODEL YL-P3535F-255nM(MU) series 3.5 x 3.5mm SMD Flat Top Type

Mechanical Specifications and Materials (Unit: mm)



Product ID

255nm: YL-P3535F-255nM(MU)

Typical Optical-Electrical Characteristics ($T_a=25^\circ\text{C}$)

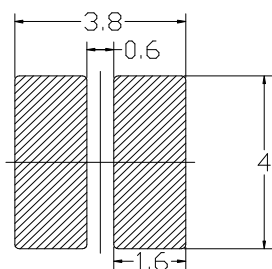
Item	Symbol	Unit	255nm		
			IF=350mA		
			Min	Typ	Max
Peak Wavelength(*)	λ_p	nm	250	255	260
Radiant Flux(**)	P_o	mW	-	5	-
Full Width at Half Maximum	Δ	nm	-	10	-
Forward Voltage	V_F	V	-	6.8	-
Viewing Half Angle	$2\theta_{1/2}$	deg.	-	120	-

(*)Peak Wavelength Measurement tolerance is $\pm 3\text{nm}$.

(**)Radiant Flux Measurement tolerance is $\pm 10\%$.

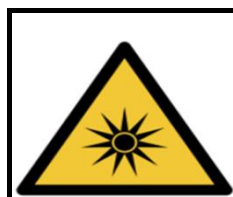
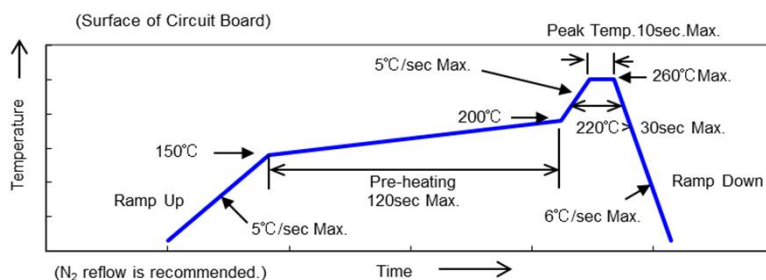
Specification and dimension are subject to change for improvement without notice.

Recommended solder pad



Unit : mm

Reflow soldering profile

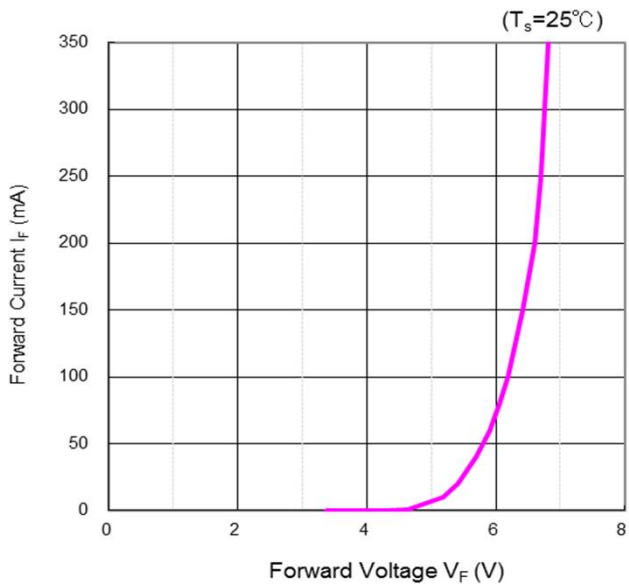


WARNING

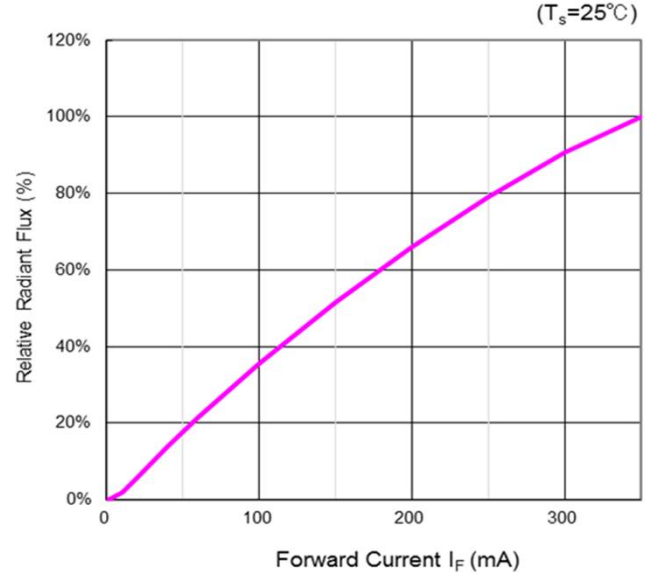
- LEDs emit very strong UV radiation.
- Do not look at the LED light with the naked eye or irradiate the skin. UV radiation can harm your eyes and skin.
- To prevent UV radiation exposure, wear protective eyewear and protective equipment.
- If LEDs are embedded in devices, please indicate warning labels against the UV light LED used.
- Keep out of reach of children.

MODEL YL-P3535F-255nM(MU) series 3.5 x 3.5mm SMD Flat Top Type

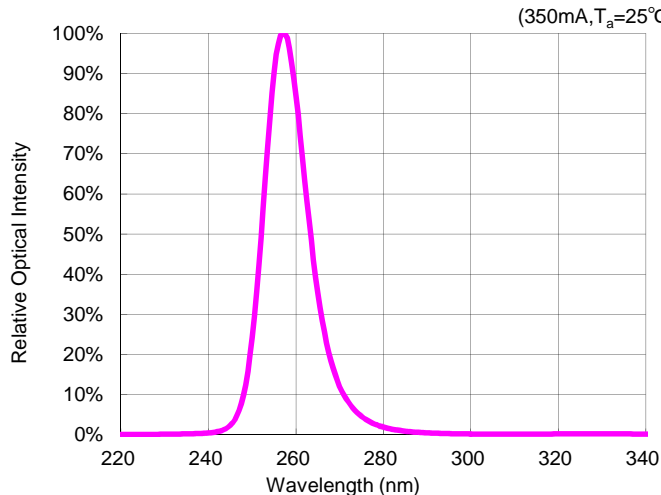
Forward Voltage vs Forward Current



Forward Current vs Radiant Flux



Spectrum



Radiation Pattern

