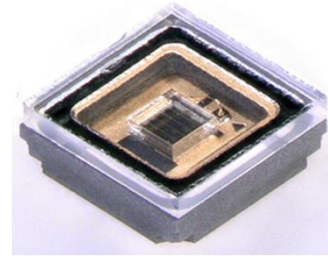
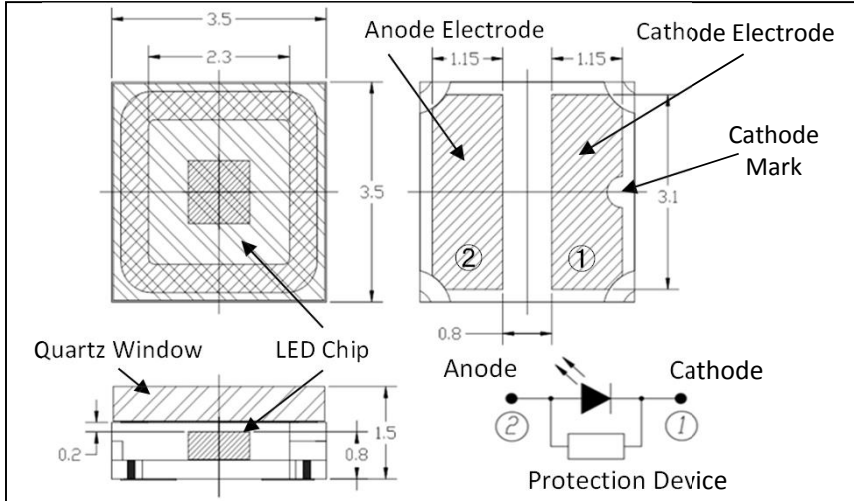


# MODEL DF5MU-0F001 series

## 3.5 x 3.5mm SMD Flat Top Type

### Mechanical Specifications and Materials (Unit: mm)



**Product ID**  
**255nm: DF5MU-0F001**

### Typical Optical-Electrical Characteristics (T<sub>a</sub>=25°C)

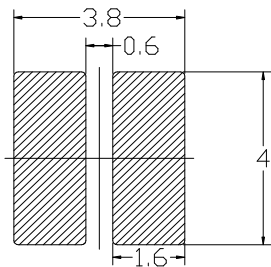
Item	Symbol	Unit	DF5MU		
			IF=350mA		
			Min	Typ	Max
Peak Wavelength(*)	$\lambda_p$	nm	250	255	260
Radiant Flux(**)	$P_o$	mW	-	5	-
Full Width at Half Maximum	$\Delta$	nm	-	10	-
Forward Voltage	$V_F$	V	-	6.8	-
Viewing Half Angle	$2\theta_{1/2}$	deg.	-	120	-

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

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

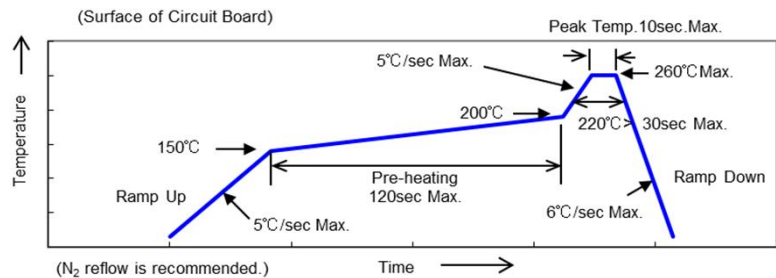
Specification and dimension are subject to change for improvement without notice.

### Recommended solder pad



Unit : mm

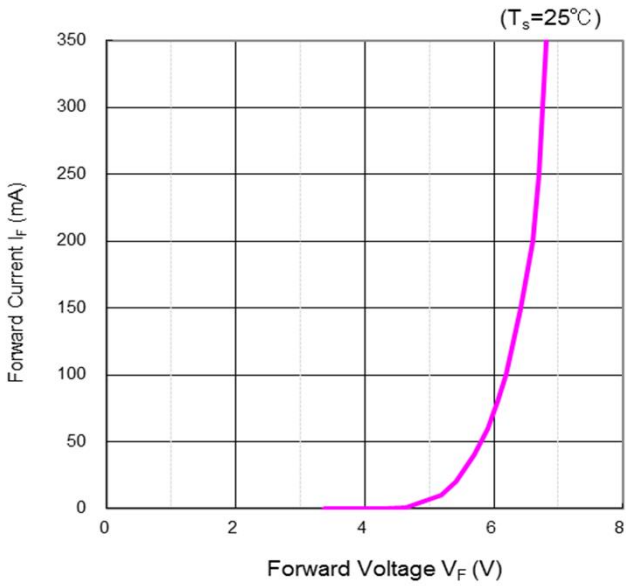
### Reflow soldering profile



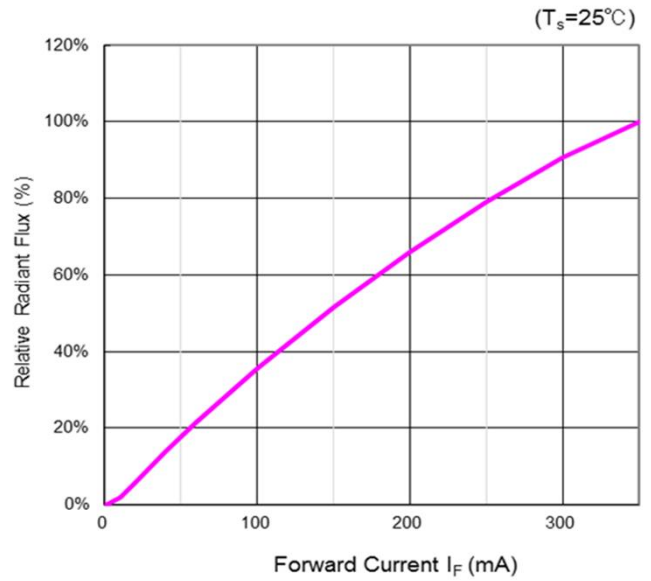
### WARNING

- 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.

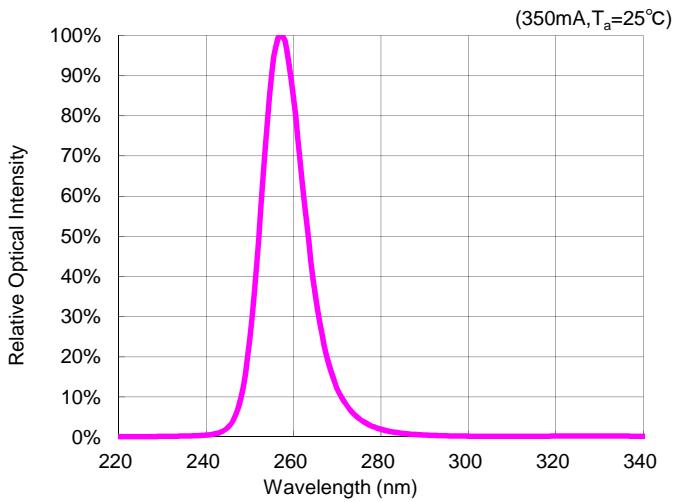
## Forward Voltage vs Forward Current



## Forward Current vs Radiant Flux



## Spectrum



## Radiation Pattern

