

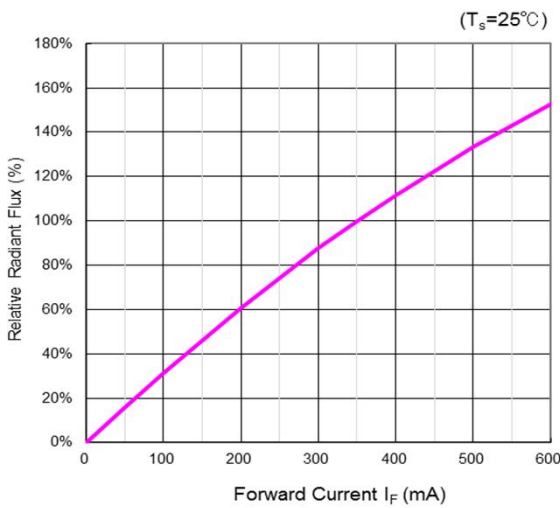
# MODEL DF8LA(U)-0F001 series

## 3.5 x 3.5mm SMD Flat Top Type

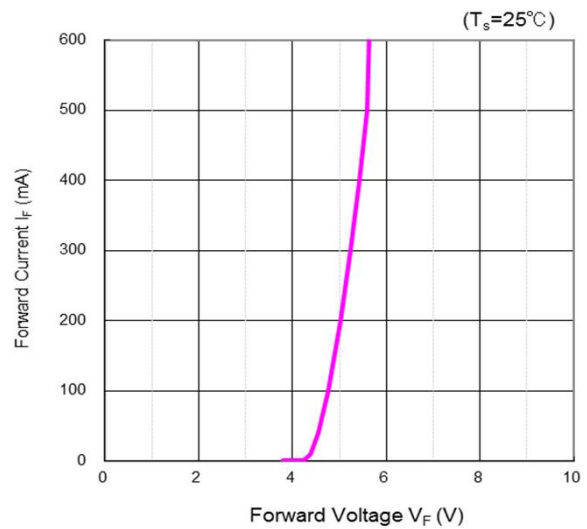
### Typical Optical-Electrical Characteristics (T<sub>a</sub>=25°C)

Item	Symbol	Unit	DF8LA(U)					
			IF=350mA			IF=600mA		
			Min	Typ	Max	Min	Typ	Max
Peak Wavelength	$\rho$	nm	275	280	285	-	(280)	-
Radiant Flux	P <sub>o</sub>	mW	<b>20</b>	<b>30</b>	-	-	<b>45</b>	-
Full Width at Half Maximum	$\Delta$	nm	-	11	-	-	(12)	-
Forward Voltage	V <sub>F</sub>	V	-	5.4	-	-	6.0	-
Viewing Half Angle	2 $\theta_{1/2}$	deg.	-	120	-	-	120	-

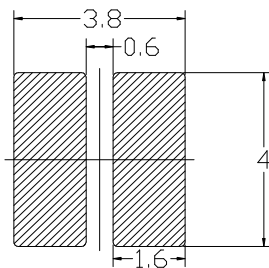
### Forward Current vs Radiant Flux



### Forward Voltage vs Forward Current

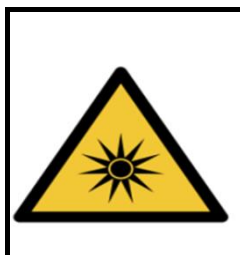
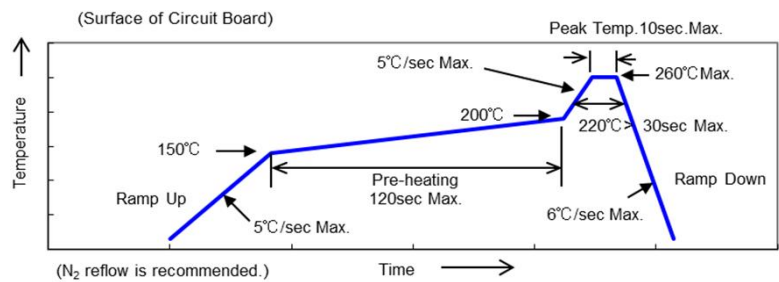


### Recommended solder pad



Unit : mm

### Reflow soldering profile



## WARNING

- LEDs emit very strong UV radiation.
- Don't look directly into the LED light.  
UV radiation can harm your eyes.
- To prevent even inadequate exposure, wear protective eyewear.
- If LEDs are embedded in devices, please indicate warning labels against the UV light LED used.
- Keep out of reach of children.
- Specification and dimension are subject to change for improvement without notice.