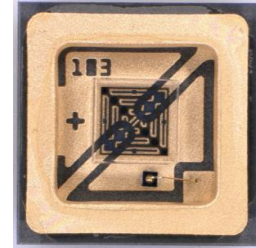
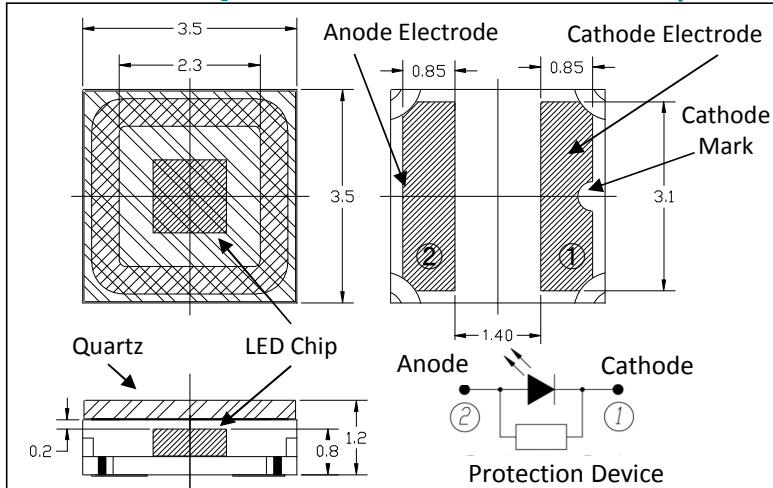


MODEL xFxXA-0F001 series

3.5 x 3.5mm SMD Flat Top Type

Mechanical Specifications and Materials (Unit: mm)



Product ID

280nm: DF8XA-0F001

310nm: UF1XA-0F001

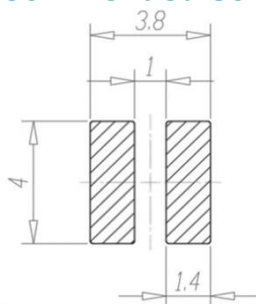
325nm: UF3XA-0F001

340nm: UF4XA-0F001

Typical Optical-Electrical Characteristics (I_F=350mA, T_a=25°C)

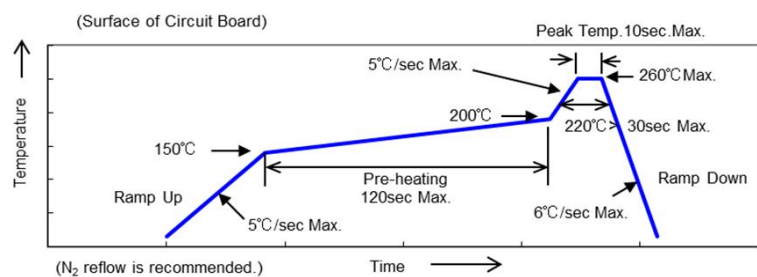
Item	Symbol	Unit	DF8XA			UF1XA			UF3XA			UF4XA		
			Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max
Peak Wavelength	λ_p	nm	270	280	290	303	308	313	320	325	330	335	340	345
Radiant Flux	P _o	mW	20	25	-	20	36	-	20	30	-	20	30	-
Full Width at Half Maximum	Δ	nm	-	12	-	-	14	-	-	13	-	-	10	-
Forward voltage	V _F	V	-	5.4	-	-	5.3	-	-	5.1	-	-	5.0	-
Viewing Half Angle	2 $\theta_{1/2}$	deg.	-	120	-	-	120	-	-	120	-	-	120	-

Recommended solder pad



Unit : mm

Recommended reflow soldering profile



CAUTION

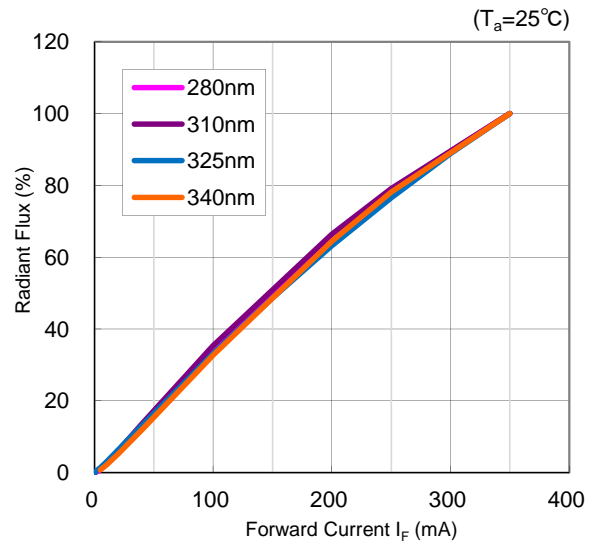
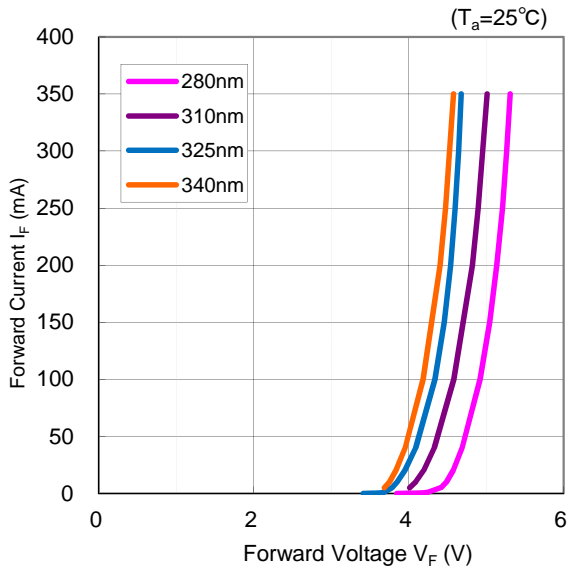
- LEDs emit very strong UV radiation.
- Don't look directly into the LED light. UV radiation can harm your eyes.
- To prevent even inadequate exposure, wear protective eyewear.
- If LEDs are embedded in devices, please indicate warning labels against the UV light LED used.
- Keep out of reach of children.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

MODEL xFxXA-0F001 series

3.5 x 3.5mm SMD Flat Top Type

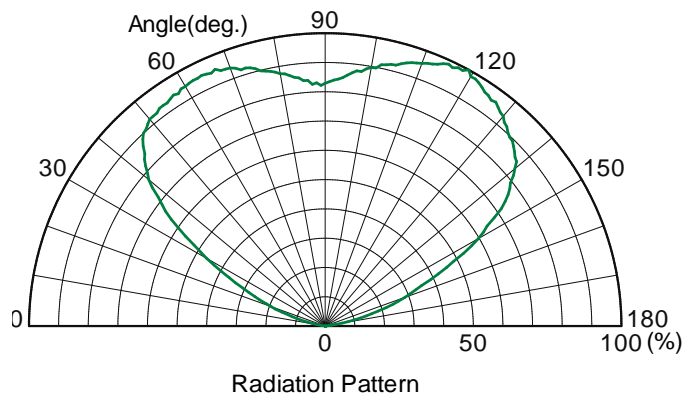
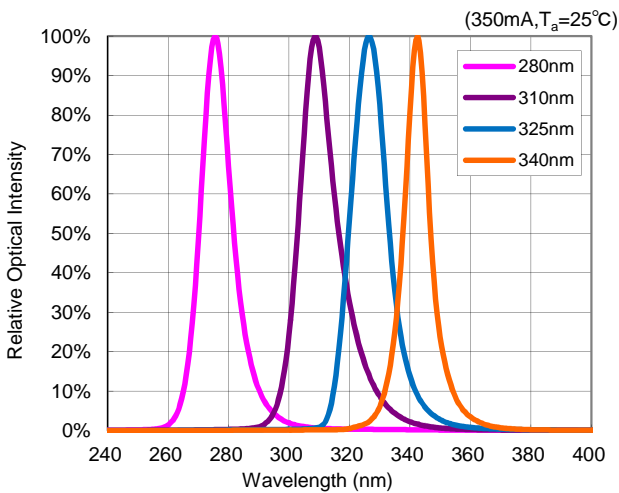
Forward Current vs Forward Voltage

Forward Current vs Radiant Flux



Spectrum

Radiation Pattern



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