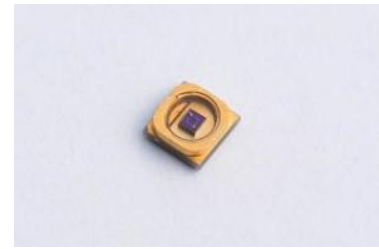


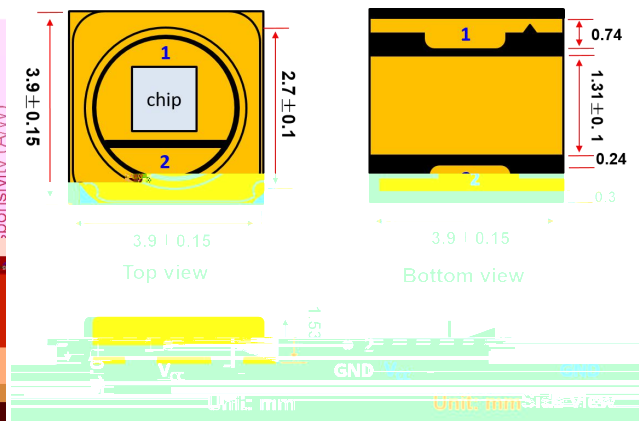
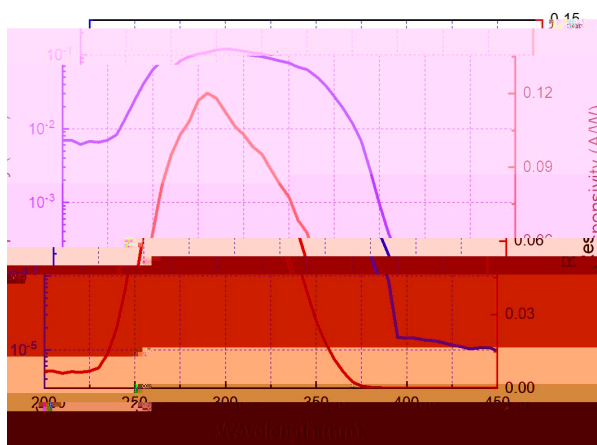


:

- UVA+UVB+UVC
  - P a c a
  - SMD 3535 c a c a c a a
  - G a b
  - H a a c
- a ca , a a a



O a a a	T	-25-100	C
S a a a	T	-40-110	C
S a (3 )	T	260	C
R a	V - a	-20	V
C	A	1	2
Da c (V = -5 V)	I	<10	A
T a c c (@265 )	T <sub>c</sub>	0.065	%/ C
Ca ac a c (a 0 V a 1 MH )	C	97	F
Wa a		280	
P a (a 280 )	R a	0.12	A/W
S c a a (R=0.1 R a )	-	230-360	
UV- b c a (R a /R <sub>400</sub> )	-	>10 <sup>4</sup>	-



M

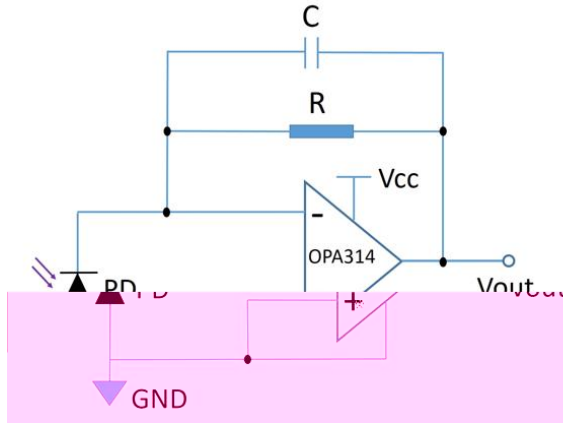
G N

I

C



:



$$V_{out} (V) = I_{ph} (A) \times R (\Omega)$$

$$I_{ph} (A) = R_{\lambda} (A/W) \times A (cm^2) \times P (W/cm^2)$$

where A is chip area  $\Phi$  is UV power density and  $R_{\lambda}$  is responsivity at specific wavelength.

A a c a a b a  
 a a ca b a a . T  
 a a b a a c a  
 b SMD- a TO- ac a UV  
 b GaN O . U c  
 c UV  
 a a , b  
 b a a .  
 T a a b a a a a c a a c .  
 D a ca a a c c a a a c a , c  
 a b a c a .  
 T UV a a b a a b a a a ac . A a  
 ac a a a a c UV a , a ac  
 a c ca PC c a . A bac c -USB  
 a ac PC USB cab c c . U c a c ca  
 a PC c c a a a a b a .  
 F a a b a , a :// . a - .c , a ca  
 b a , a a a a ab GaN O UV ca  
 b .  
 N :T b a a .  
 M G N I C

