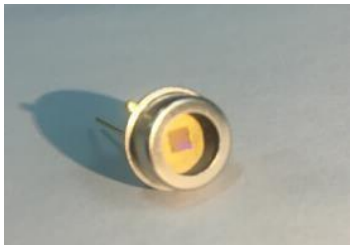

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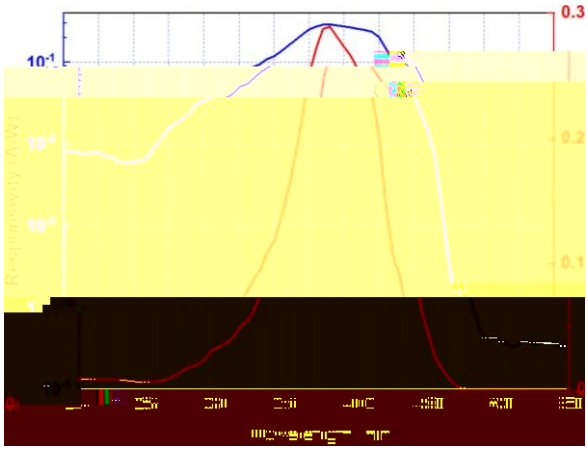
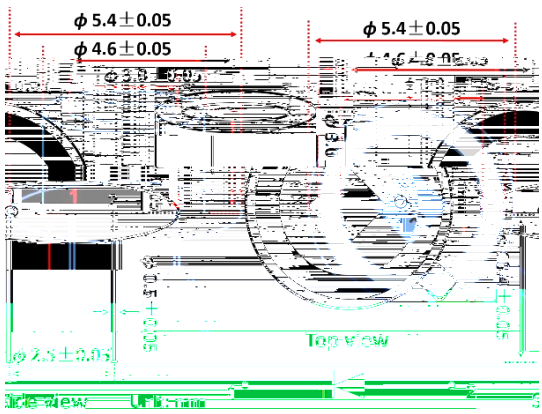
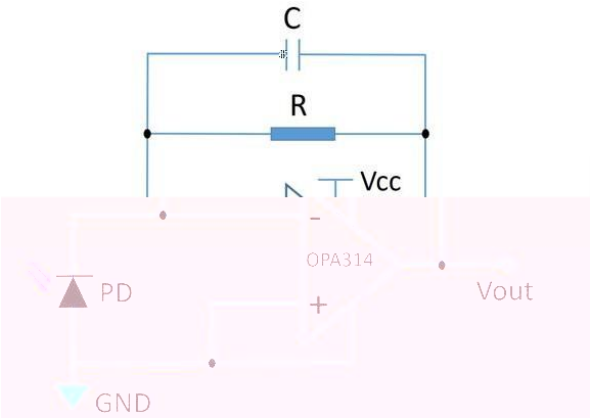
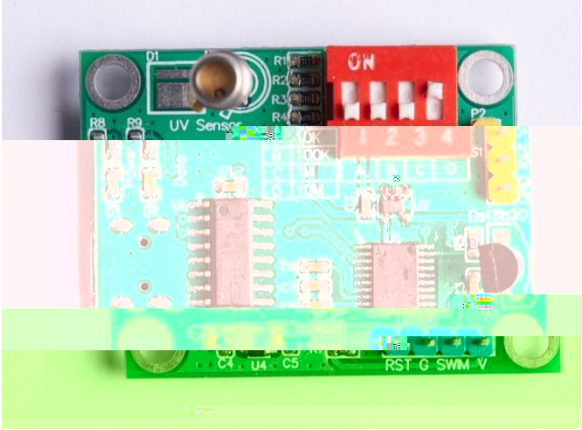

0.3
0.2
0.1
Wavelength


ϕ 5.4±0.05
ϕ 4.6±0.05
ϕ 5.4±0.05
Top view
Side view



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

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

where A is chip area, P is incident UV power density and R_λ is responsivity at specific wavelength