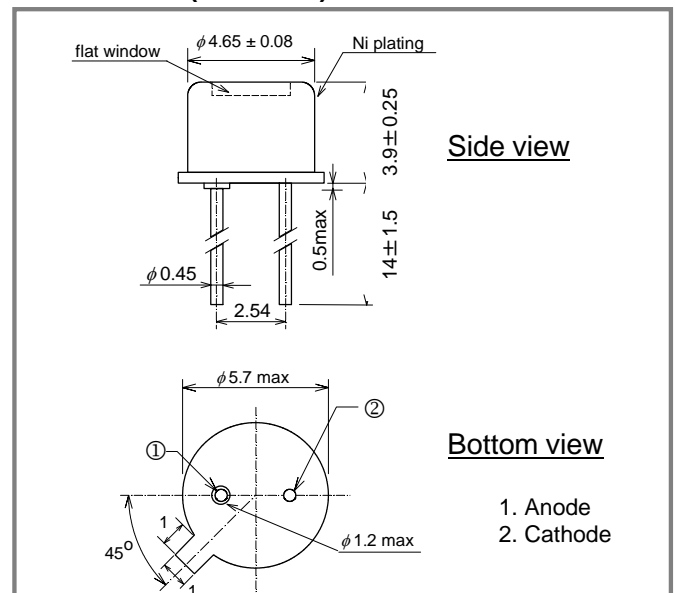


**Features**

- Sensitivity covering only UV-C radiations
- Hermetic seal type with quartz flat window for high reliability uses

**Applications**

- Suitable for monitoring optical intensity of sterilizing ray of Hg lamp (253.7nm), UV-C laser and UV-C LED.
- UV-C source monitors
- UV-C sensors
- UV-C exposure meters
- Medical uses

**Dimensions (unit: mm)****Absolute Maximum Ratings**

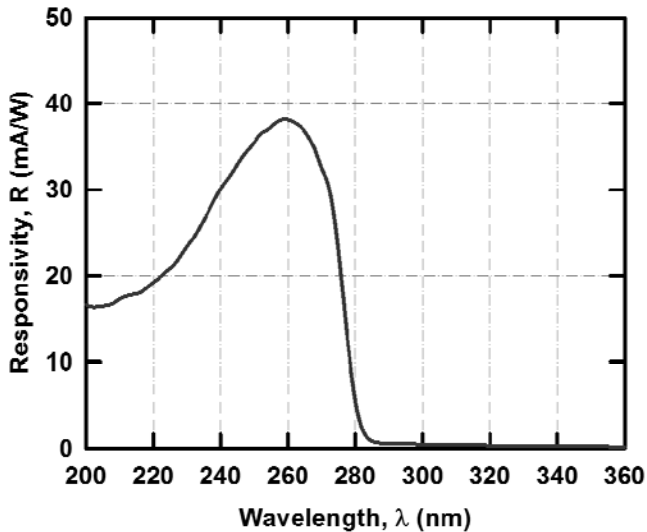
Parameter	Symbol	Value	Unit	Note
Reverse voltage	$V_R$	10	V	
Operating temperature	$T_{opr}$	-40 to +80	$^\circ\text{C}$	Avoid dew condensation
Storage temperature	$T_{stg}$	-40 to +85	$^\circ\text{C}$	Avoid dew condensation
Soldering temperature	$T_{sol}$	260	$^\circ\text{C}$	5s max

**Electrical and Optical Characteristics (Ta=25  $^\circ\text{C}$  unless otherwise noted)**

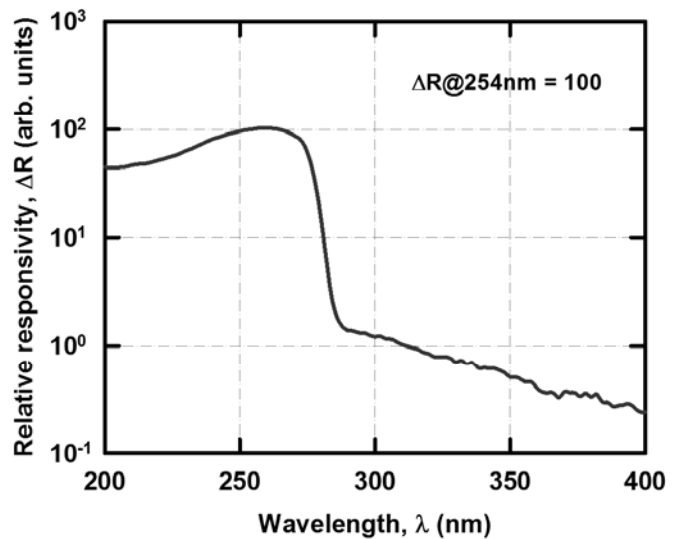
Parameter	Symbol	Min.	Typ.	Max	Unit	Test Conditions
Active area	S	0.07			$\text{mm}^2$	
Responsivity	R	20	37	-	$\text{mA/W}$	$V_R=0\text{V}$ , $\lambda=254\text{nm}$
Responsivity ratio of R@365nm/R@254nm	$\Delta R$	-	$4 \times 10^{-3}$	-	-	$V_R=0\text{V}$
Dark current	$I_D$	-	5	1000	$\mu\text{A}$	$V_R=1\text{V}$
Total capacitance	$C_t$		270		$\text{pF}$	$V_R=0\text{V}$ , $f=1\text{MHz}$
Sensitive wavelength	$\lambda$	200 – 290			$\text{nm}$	

Specifications are subject to change without notice.

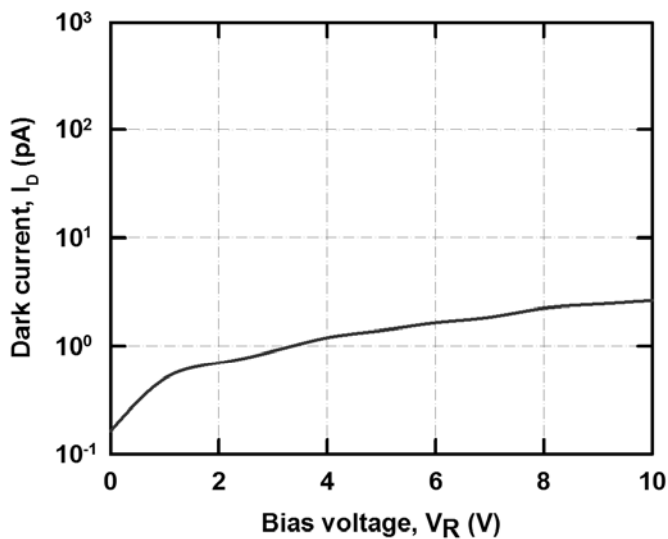
## Spectral Responsivity



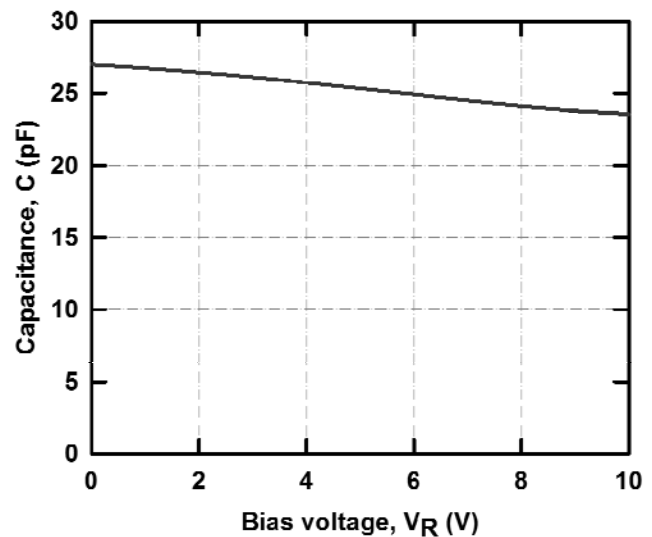
## Relative Spectral Responsivity



## I-V Characteristics



## C-V Characteristics



Specifications are subject to change without notice.

## Contacts:

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