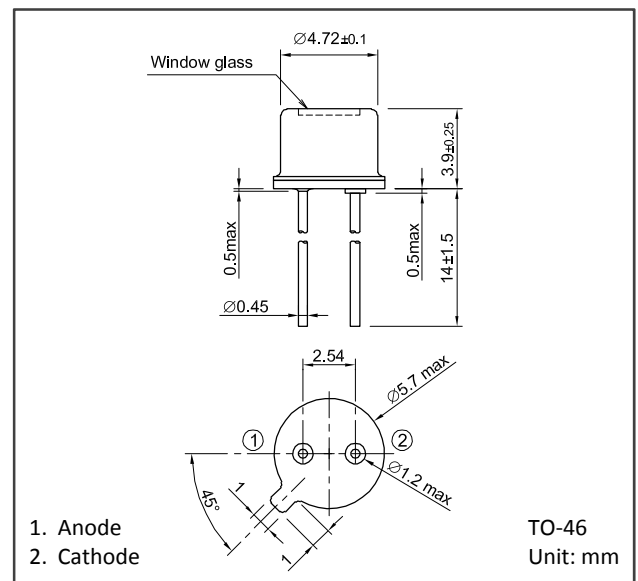


**Features**

- Wide sensitivity covering both UV-B and UV-C radiation
- Detectable area size  $\phi 0.3\text{mm}$
- Hermetic seal type with quartz flat window for high reliability use

**Applications**

- UV sensors
- Spectroscopy
- UV exposure meters
- UV source monitors
- Medical use

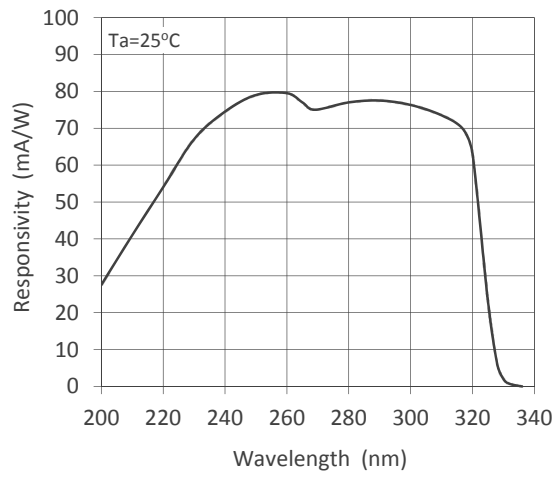
**Absolute Maximum Ratings**

Parameter	Symbol	Value	Unit	Note
Reverse voltage	$V_R$	1	V	
Operating temperature	$T_{opr}$	-40 to +80	°C	Avoid dew condensation
Storage temperature	$T_{stg}$	-40 to +85	°C	Avoid dew condensation
Soldering temperature	$T_{sol}$	260	°C	Max 5 sec.

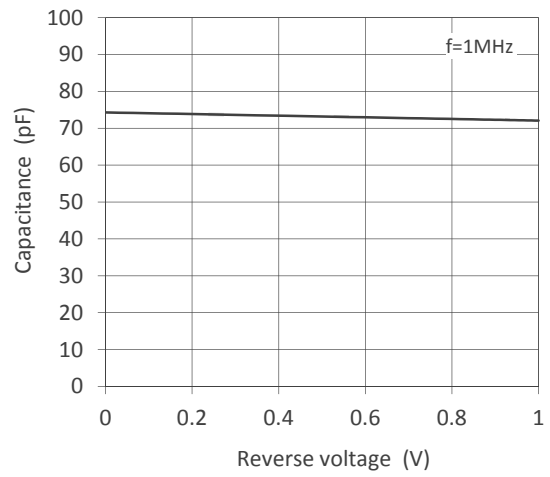
**Electrical and Optical Characteristics (Ta=25°C unless otherwise noted)**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Active area	S	0.07			mm <sup>2</sup>	
Sensitive wavelength	$\lambda$	200	-	330	nm	
Responsivity	R	60	75	-	mA/W	$V_R=0V, \lambda=300\text{nm}$
Dark current	$I_D$	-	5	1000	pA	$V_R=1V$
Terminal capacitance	$C_t$	-	75	-	pF	$V_R=0V, f=1\text{MHz}$

Spectral Responsivity



Capacitance - Reverse Voltage



- Specifications , characteristics, data, materials, structures specified in this datasheet are subject to change without notice. Please refer to the latest specification before use of the products.
- Products listed in this datasheet comply with the RoHS Directive (EU2002/95/EC).

**Opto-technologies for the Future**



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