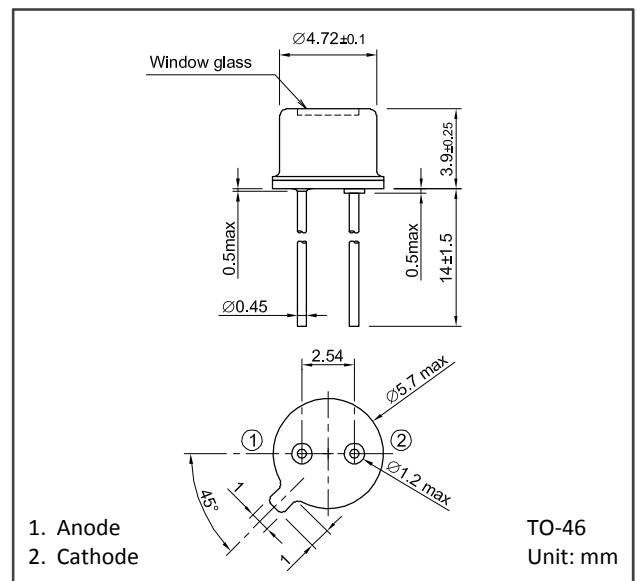


Features

- Wide sensitivity covering both UV-B and UV-C
- Large detectable area 0.86mm sq.
- Hermetic seal type with quartz flat window for high reliability uses

Applications

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

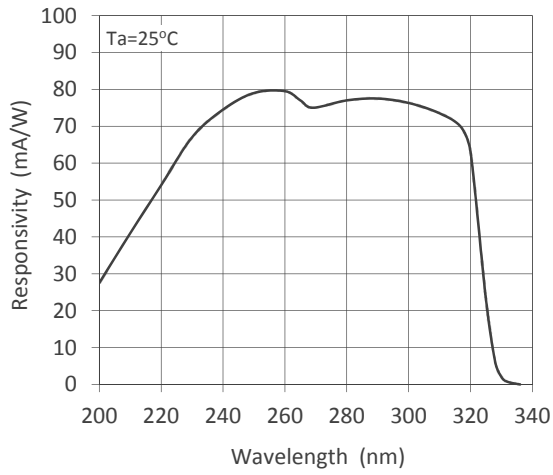
**Absolute Maximum Ratings**

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.

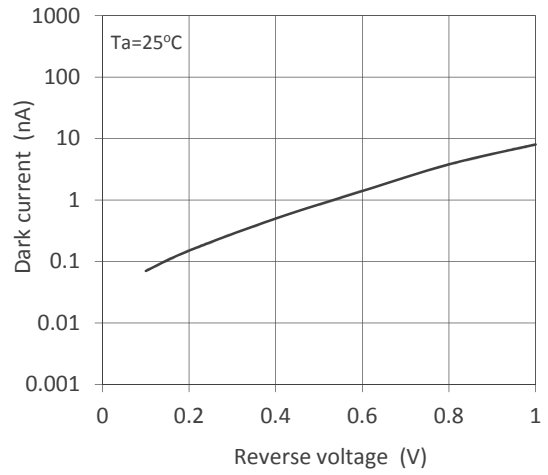
Electrical and Optical Characteristics (Ta=25°C unless otherwise noted)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Active area	S	0.86 x 0.86			mm ²	
Sensitive wavelength	λ	200	-	330	nm	
Responsivity	R	60	75	-	mA/W	$V_R=0V, \lambda=300nm$
Dark current	I_D	-	10	-	nA	$V_R=1V$
Terminal capacitance	C_t	-	500	-	pF	$V_R=0V, f=1MHz$

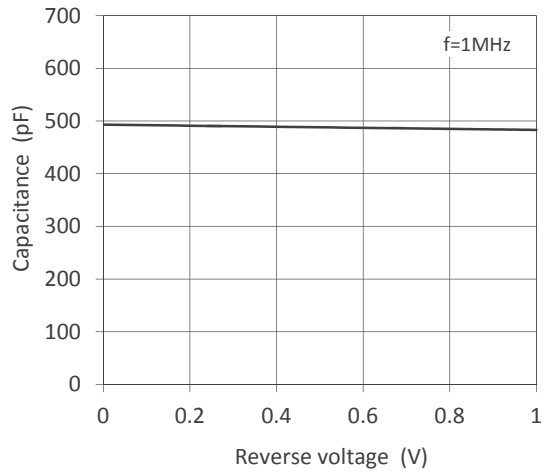
Spectral Responsivity



Dark Current - Reverse Voltage



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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