

FEATURES

- Square Active Area
- Ideal for 190-400 nm Detection
- 100% Internal QE
- Excellent UV Response
- Protective Cover Plate²

Electro-Optical Characteristics at 25 °C

Parameters	Test Conditions	Min	Typ	Max	Units
Active Area	10 mm x 10 mm		100		mm ²
Responsivity	@ 200nm	0.08	0.09		A/W
Shunt Resistance	V = ± 10 mV	20			MOhms
Capacitance, C	V _R = 0 V		1	3	nF
Response Time	RL = 50 Ω, V _R = 10 V			10	usec

Thermal Parameters

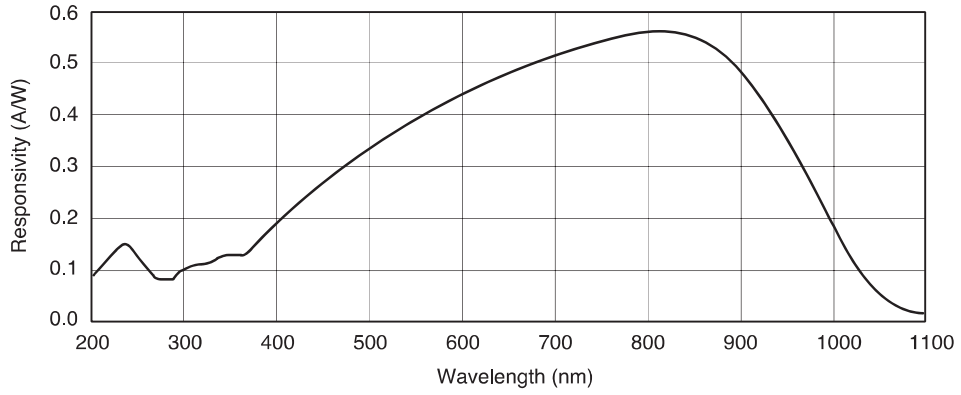
Storage and Operating Temperature Range	Units
Storage Temperature Range	-20° to 100°C
Operating Temperature Range	-20° to 80°C
Lead Soldering Temperature ¹	240°C

¹ 0.08" from case for 10 seconds.

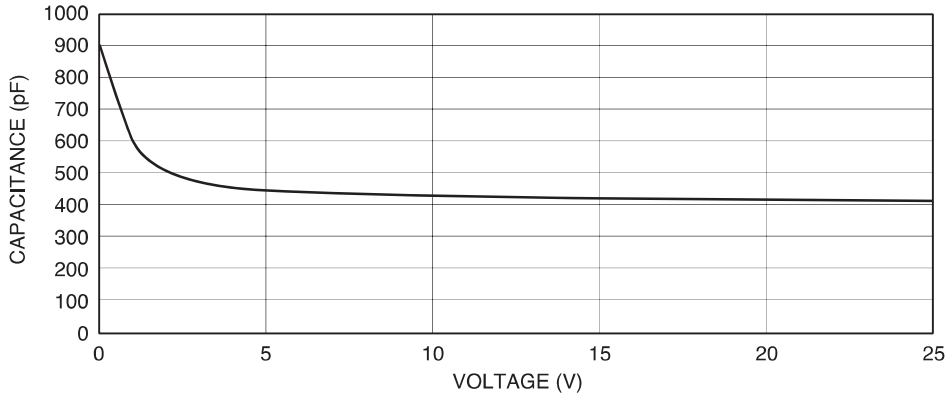
² Shipped with temporary cover to protect the photodiode and wire bonds.
 Review the Application Note, "Handling Precautions for AXUV, SXUV, and UVG Detectors", prior to removing cover.



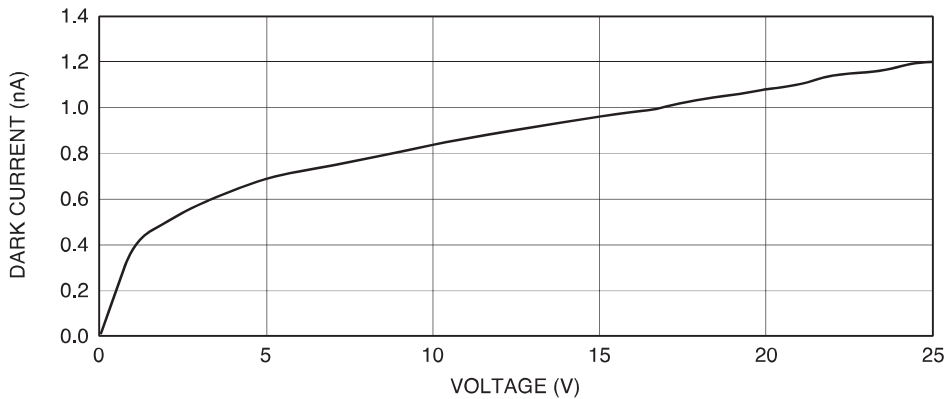
Typical Photon Responsivity



Capacitance vs. Voltage

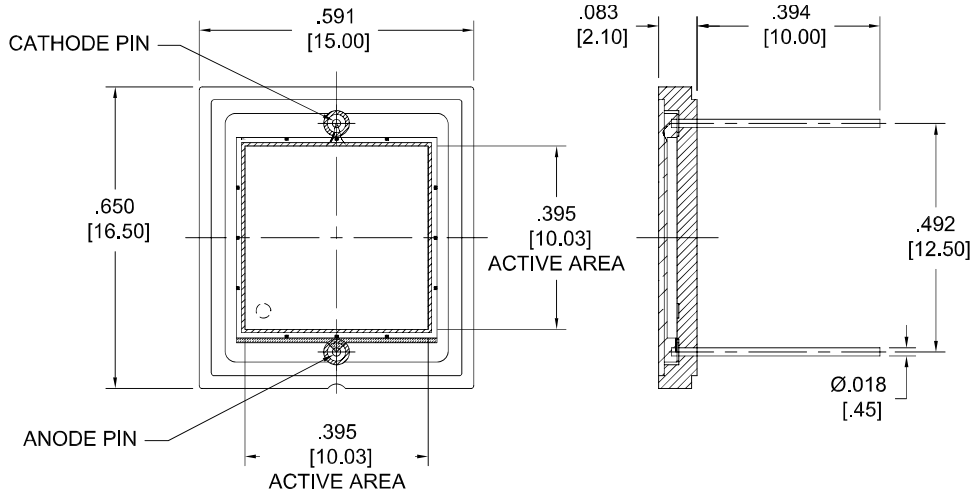


Dark Current vs. Voltage





Package Information



Dimensions are in inch [metric] units.

Specifications are subject to change without prior notice.