

#### FEATURES

- Circular Active Area
- TO-5 package
- Excellent Stability after EUV Exposure
- Windowless Package for Responsivity to 1 nm

#### Electro-Optical Characteristics at 25°C

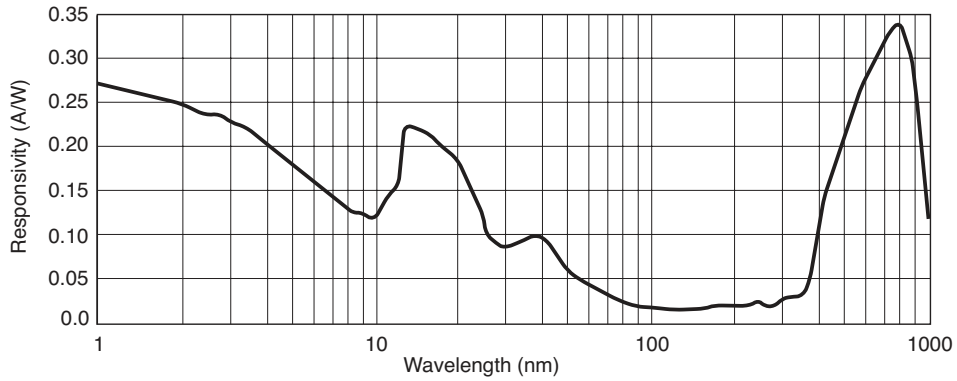
Parameters	Test Conditions	Min	Typ	Max	Units
Active Area	2.5 diameter		5		mm <sup>2</sup>
Responsivity	(see graph on next page)				
Shunt Resistance, Rsh	@ $\pm 10 \text{ mV}$	20			MOhms
Reverse Breakdown Voltage, $V_R$	$I_R = 1 \mu\text{A}$	5	20		Volts
Capacitance, C	$V_R = 0 \text{ V}$		500	1500	pF
Response Time, $t_r$	$R_L = 50 \Omega, V_R = 0 \text{ V}$		1	2	usec

#### Thermal Parameters

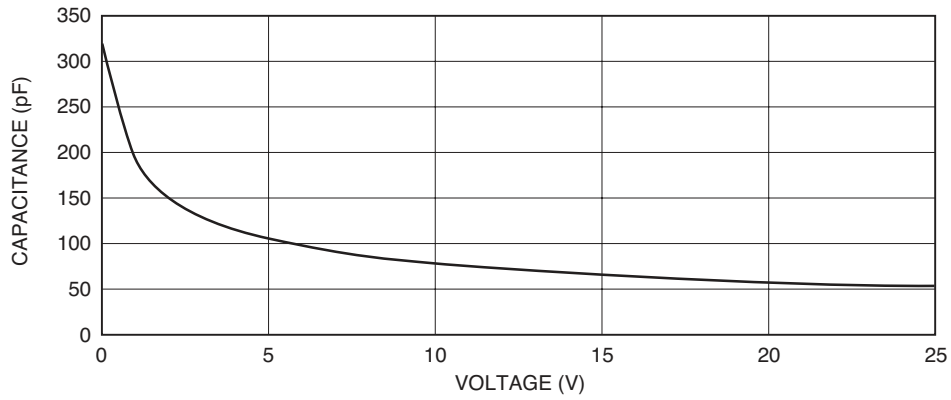
Storage and Operating Temperature Range	Units
Ambient	-10°C to 40°C
Nitrogen or Vacuum	-20°C to 80°C
Lead Soldering Temperature <sup>1</sup>	260°C

<sup>1</sup> 0.08" from case for 10 seconds.

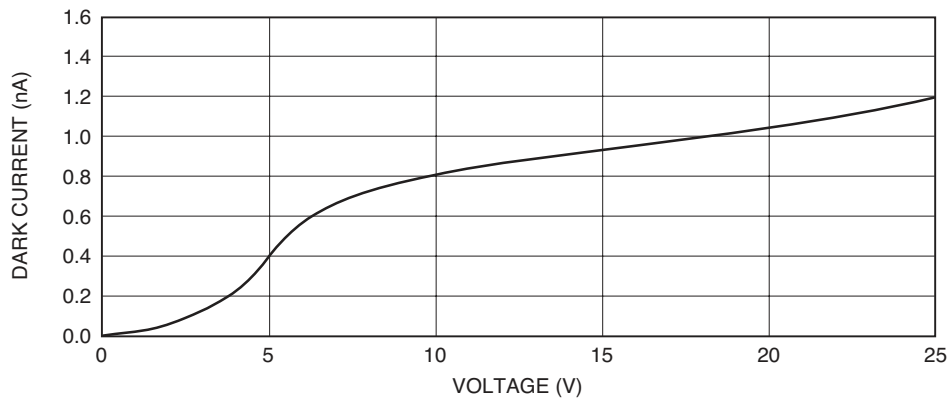
Typical Photon Responsivity



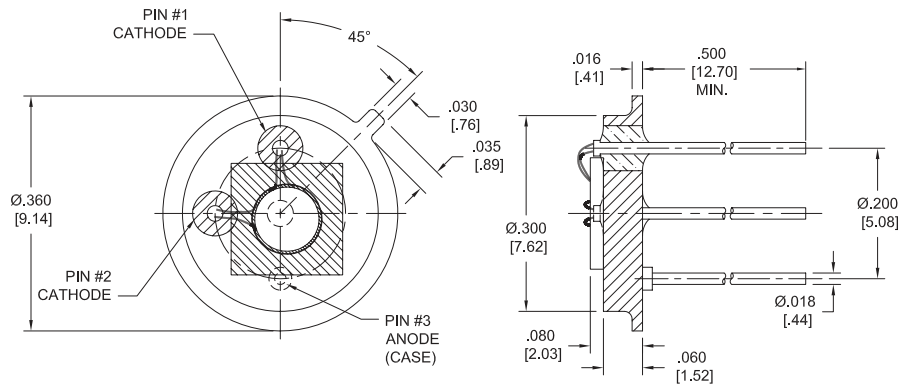
Capacitance vs. Voltage



Dark Current vs. Voltage



Package Information



Dimensions are in inches [metric] units.

Specifications are subject to change without prior notice.