

### FEATURES

- TO-5 Hermetic Package
- Circular Active Area
- Low Capacitance

### Electro-Optical Characteristics at 25°C

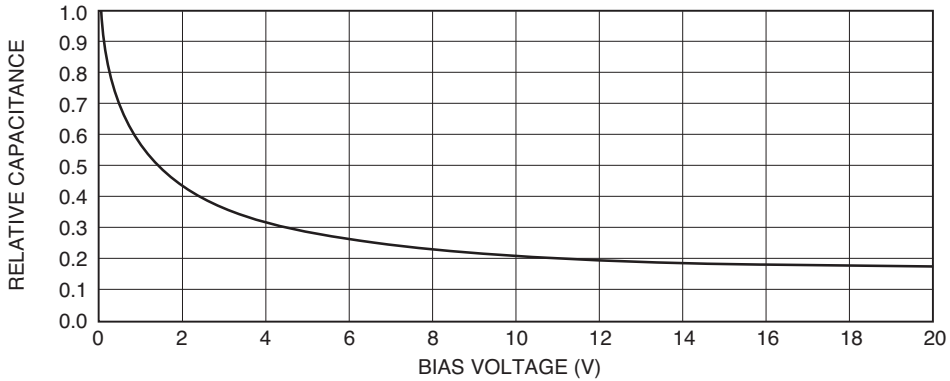
Parameters	Test Conditions	Min	Typ	Max	Units
Active Area	2.52 mm Dia.		5		mm <sup>2</sup>
Responsivity	@ 450 nm	0.2	0.28		A/W
Dark Current, I <sub>dr</sub>	V <sub>R</sub> = 10 V		1	3	nA
Reverse Breakdown Voltage, V <sub>R</sub>	I <sub>R</sub> = 10 uA	25	60		Volts
Capacitance, C	V <sub>R</sub> = 10 V		11		pF
Rise Time	V <sub>R</sub> = 10 V		10		nsec
Series Resistance	V <sub>f</sub> = 1 V		35	100	Ohms

### Thermal Parameters

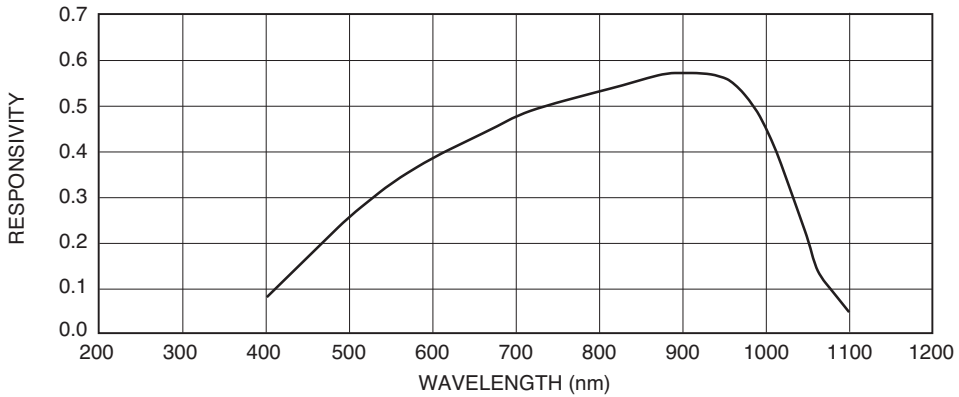
Parameters	Units
Storage and Operating Temperature Range	-55°C to 100°C
Maximum Junction Temperature	100°C
Lead Soldering Temperature <sup>1</sup>	260°C

<sup>1</sup> 1/16" from case for 10 seconds.

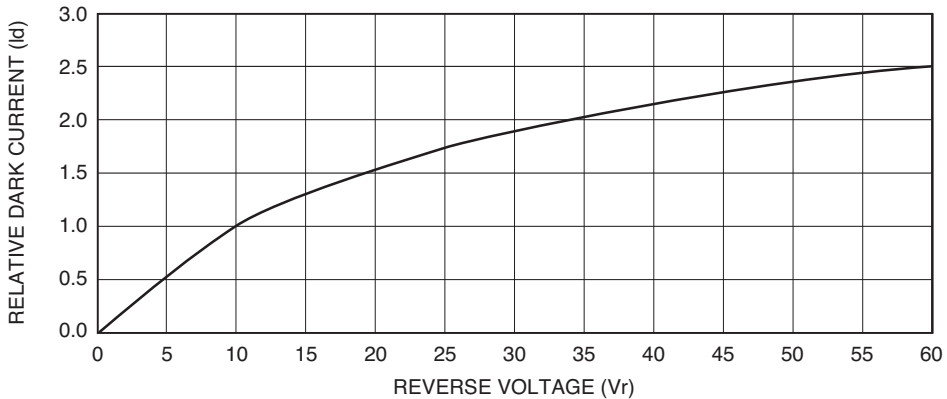
Capacitance vs Bias Voltage



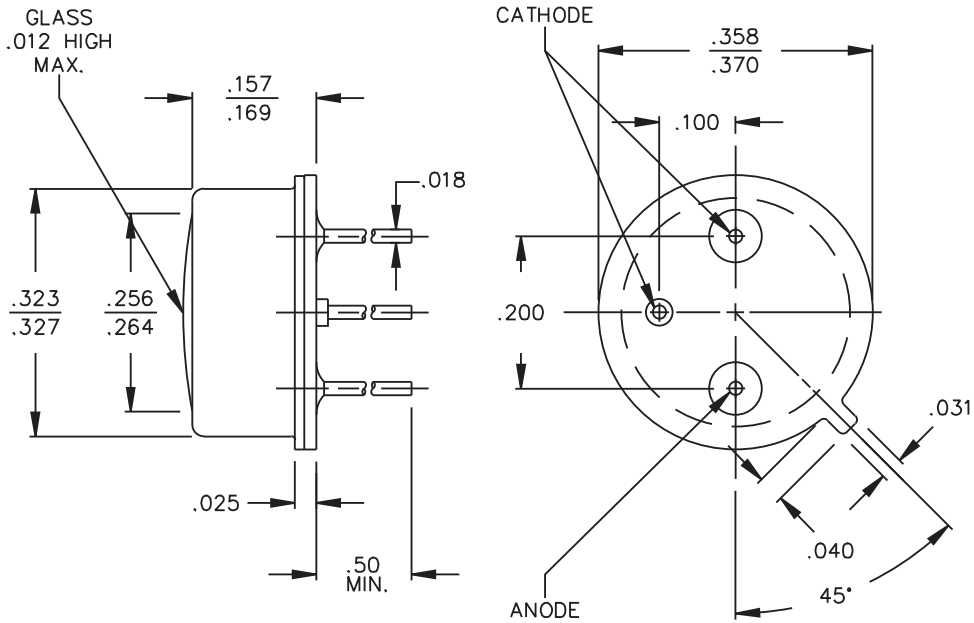
Typical Spectral Response



Dark Current vs Voltage



Package Information



Dimensions are in inch [metric] units.

Specifications are subject to change without prior notice.