

FEATURES

- 100 mm² Square Active Area
- Responsivity @ 13.5 nm 0.09 A/W
- Detection Range 12 nm to 18 nm
- Shipped with Protective Cover

Electro-Optical Characteristics at 25°C

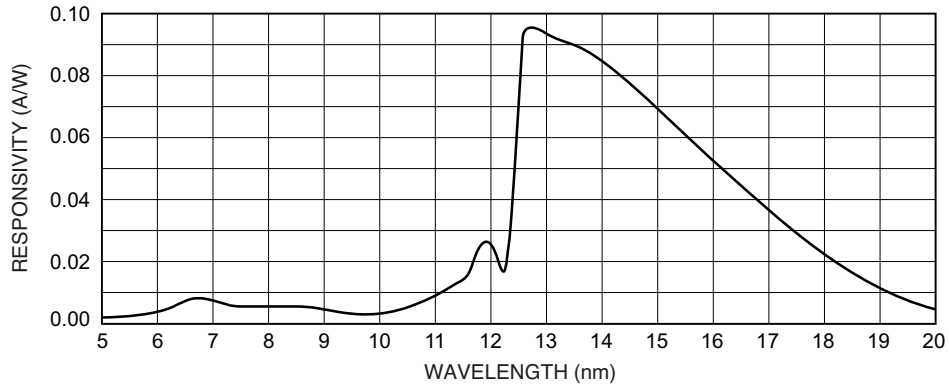
Parameters	Test Conditions	Min	Typ	Max	Units
Active Area	10 mm x 10 mm		100		mm ²
Responsivity	@ 13.5 nm	0.08	0.09	0.1	A/W
Dark Current	V _R = 15 V		8	25	nA
Reverse Breakdown Voltage, V _R	I _R = 1 μA	25			Volts
Capacitance, C	V _R = 0 V	0.8	1	1.2	nF
Capacitance, C	V _R = 12 V	220	260	350	pF
Response Time, tr	RL = 50 Ω, V _R = 12 V		30		nsec

Thermal Parameters

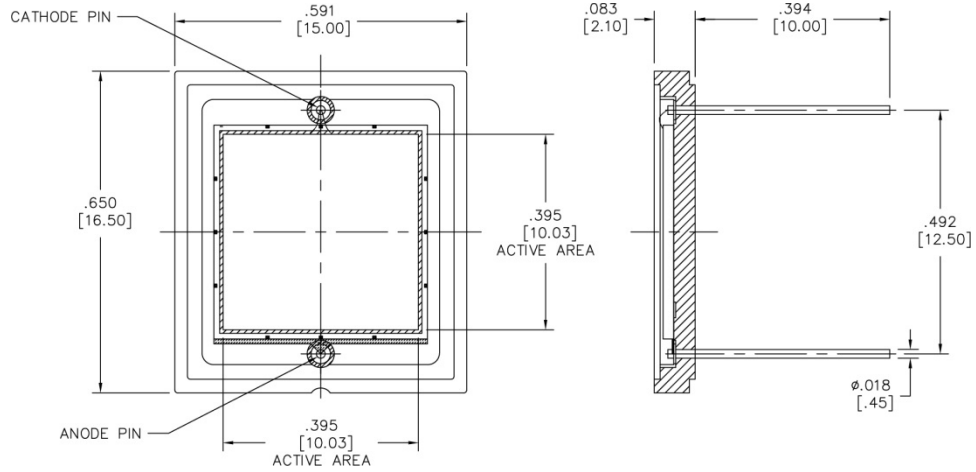
Storage and Operating Temperature Range	Units
Ambient	-10° to 40°C
Nitrogen or Vacuum	-20 to 80°C
Lead Soldering Temperature*	260°C

*0.080" from case for 10 seconds.

Typical Responsivity at 25°C



Package Information



Dimensions are in inch [metric] units.

Specifications are subject to change without prior notice.