

FEATURES

- 100 mm² Square Active Area
- Responsivity @ 40 nm 0.15 A/W
- Detection Range 18 nm to 80 nm
- Shipped with Protective Cover

Electro-Optical Characteristics at 25°C

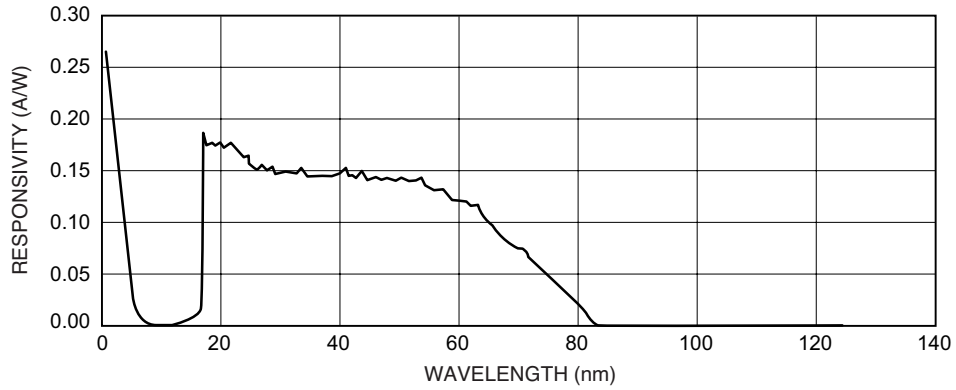
| Parameters | Test Conditions | Min | Typ | Max | Units |
|---|--------------------------|-----|------|-----|-----------------|
| Active Area | 10 mm x 10 mm | | 100 | | mm ² |
| Responsivity | (see graph on next page) | | 0.15 | | A/W |
| Shunt Resistance, R _{sh} | @ ±10 mV | 20 | | | Ohms |
| Reverse Breakdown Voltage, V _R | I _R = 1 μA | 5 | 10 | | Volts |
| Capacitance, C | V _R = 0 V | | 10 | 44 | nF |

Thermal Parameters

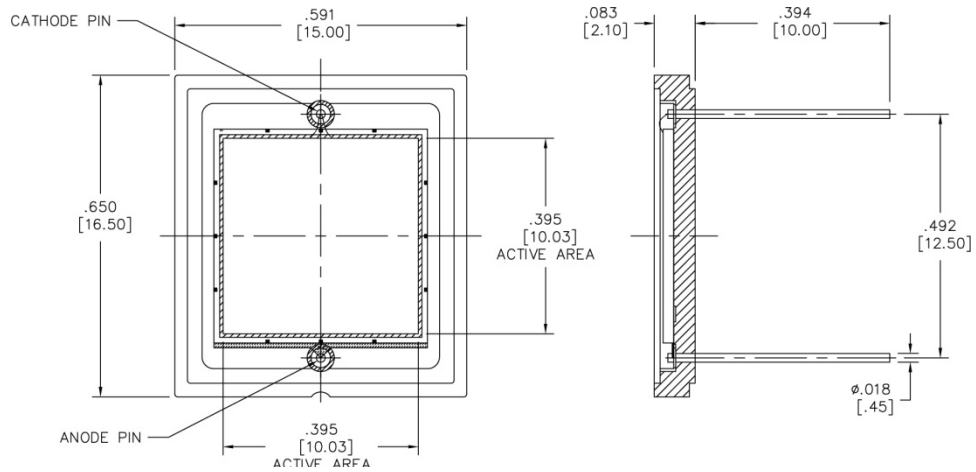
| Storage and Operating Temperature Range | Units |
|---|--------------|
| Ambient | -10° to 40°C |
| Nitrogen or Vacuum | -20 to 80°C |
| Lead Soldering Temperature* | 260°C |

*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.