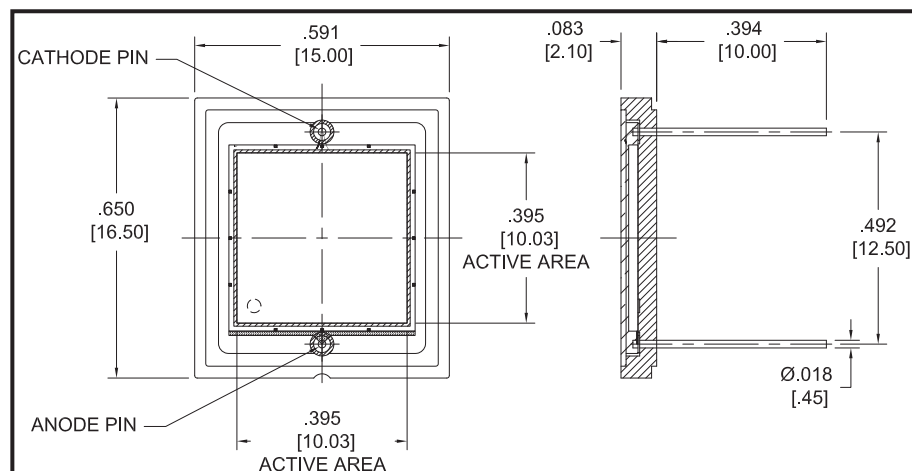


**FEATURES**

- Square active area
- 150 nm aluminum filter across top surface
- Detection range 17-80 nm
- Protective cover plate

Dimensions are in inch [metric] units.

**ELECTRO-OPTICAL CHARACTERISTICS AT 25°C**

| PARAMETERS                       | TEST CONDITIONS               | MIN | TYP | MAX | UNITS           |
|----------------------------------|-------------------------------|-----|-----|-----|-----------------|
| Active Area                      | 10 mm x 10 mm                 |     | 100 |     | mm <sup>2</sup> |
| Responsivity, $\mathcal{R}$      | (see graph on next page)      |     |     |     |                 |
| Shunt Resistance, $R_{sh}$       | @ $\pm 10$ mV                 | 20  |     |     | MOhms           |
| Reverse Breakdown Voltage, $V_R$ | $I_R = 1 \mu A$               |     | 10  |     | Volts           |
| Capacitance, C                   | $V_R = 0$ V                   |     | 10  | 44  | nF              |
| Response Time, $t_r$             | $R_L = 50 \Omega$ , $V_R = V$ |     | 250 |     | nsec            |

**THERMAL PARAMETERS**

| STORAGE AND OPERATING TEMPERATURE RANGE |               |
|-----------------------------------------|---------------|
| Ambient                                 | -10° TO 40°C  |
| Nitrogen or Vacuum                      | -20°C TO 80°C |
| Maximum Junction Temperature            | 70°C          |
| Lead Soldering Temperature <sup>1</sup> | 260°C         |

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

