



**FEATURES**

- Square active area
- 200 nm titanium & 50 nm carbon filter across top surface
- Detection range 1-12 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)				
Reverse Breakdown Voltage, $V_R$	$I_R = 1 \mu A$		10		Volts
Capacitance, C	$V_R = 0 V$		10	44	nF
Shunt Resistance, Rsh	@ $\pm 10 m V$	20			MOhms

**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

