



**FEATURES**

- Single active area
- Detection to 1 nm
- Stable response after exposure to EUV/UV conditions
- 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	10			MOhms
Reverse Breakdown Voltage, $V_R$	$I_R = 1 \mu A$		10		Volts
Capacitance, C	$V_R = 0V$		6		nF
Response Time, tr	$R_L = 50\Omega, V_R = 15V$		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

