



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 ²
Responsivity, \mathcal{R}	(see graph on next page)				
Shunt Resistance, R_{sh}	@ ± 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, t_r	$R_L = 50\Omega, V_R = 15V$		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 ¹	260°C

¹0.08" from case for 10 seconds

