



**FEATURES**

- Square active area
- Ideal for 193-400 nm detection
- 100% internal QE
- Excellent UV response
- 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, $\mathcal{R}$	@ 254 nm	0.08	0.09	0.13	A/W
Shunt Resistance, Rsh	@ ± 10 mV	20			MOhms
Reverse Breakdown Voltage, $V_R$	$I_R = 1 \mu A$		10		Volts
Capacitance, C	$V_R = 0 V$		10	20	nF
Response Time, tr	RL = 50 Ω, $V_R = 10 V$			10	usec

**THERMAL PARAMETERS**

STORAGE AND OPERATING TEMPERATURE RANGE	
Storage Temperature Range	-20° TO 100°C
Operating Temperature Range	-20°C TO 80°C
Maximum Junction Temperature	100°C
Lead Soldering Temperature <sup>1</sup>	240°C

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

