



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 ²
Responsivity, \mathcal{R}	@ 254 nm	0.08	0.09	0.13	A/W
Shunt Resistance, R_{sh}	@ ± 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	$R_L = 50 \Omega, V_R = 10 V$			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 ¹	240°C

¹0.08" from case for 10 seconds

