



FEATURES

- Rectangular active area
- Large detection area
- 2 anode and cathode pins
- Ideal for electron detection
- No window for extended response to below 200nm

Dimensions are in inch [metric] units.

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area	21.56mm x 15.36mm		331		mm ²
Responsivity, \mathcal{R}	(see graphs on next page)				
Conductive Current, I_C	$V_f = 0.8V$	1			mA
Breakdown Voltage, V_R	$I_R = 1\mu A$	5	25		Volts
Capacitance, C	$V_R = 0V$			40	nF
Response Time	$V_R = 15V$		15		usec
Rshunt	@ $\pm 10mV$	5	20		M Ω

THERMAL PARAMETERS

STORAGE AND OPERATING TEMPERATURE RANGE	
Ambient ¹	-10° TO 40°C ²
Nitrogen or Vacuum	-20°C TO 80°C
Maximum Junction Temperature	70°C
Lead Soldering Temperature ¹	260°C

¹Temperatures exceeding these parameters may create oxide growth on the active area. Over timeresponsivity tol ow energy radiation and wavelengths below 150nm will be compromised.

²0.08" from case for 10 seconds.

