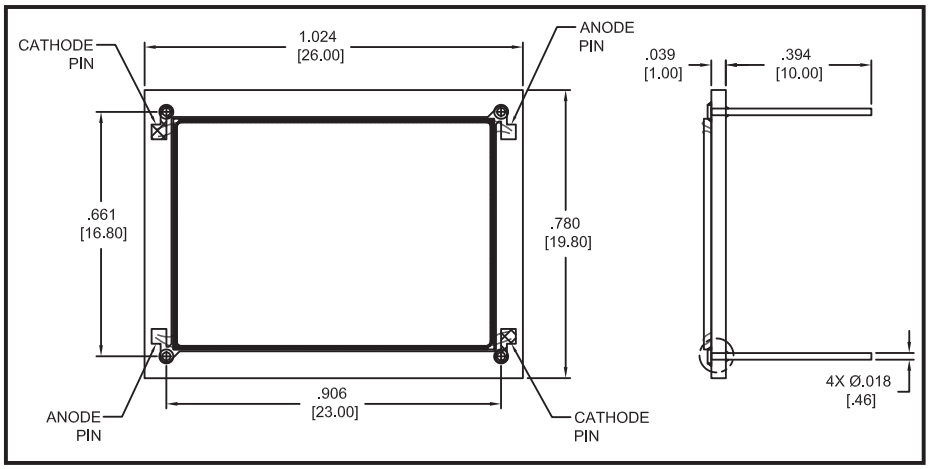


FEATURES

- 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 = 1μA	5	25		Volts
Capacitance, C	V_R = 0V			40	nF
Response Time	V_R = 15V		15		usec
Rshunt	@ ± 10mV	5	20		MΩ

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

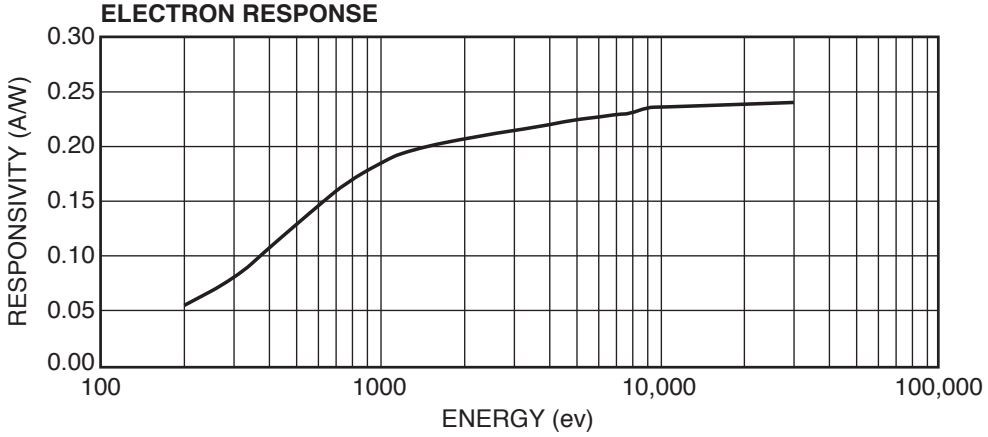
[1]Temperatures exceeding these parameters may create oxide growth on the active area.
Over timeresponsivity tol ow energy radiation and wavelengths below 150nm will be compromised.

[2]0.08" from case for 10 seconds.

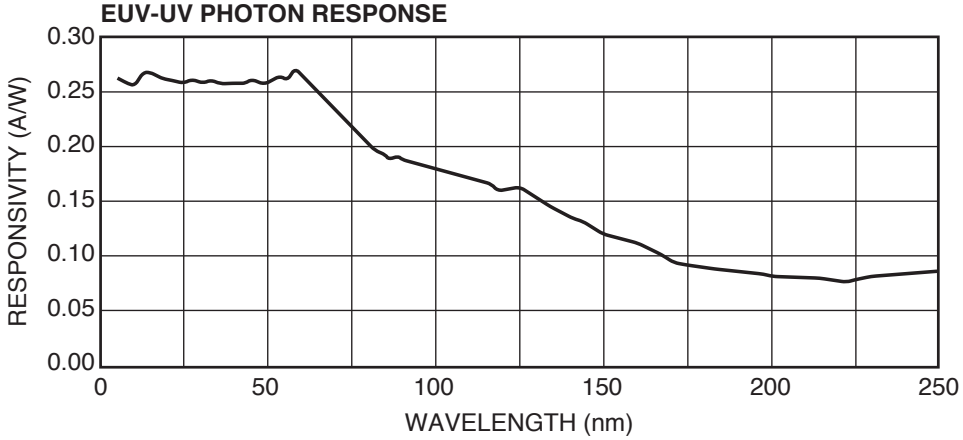
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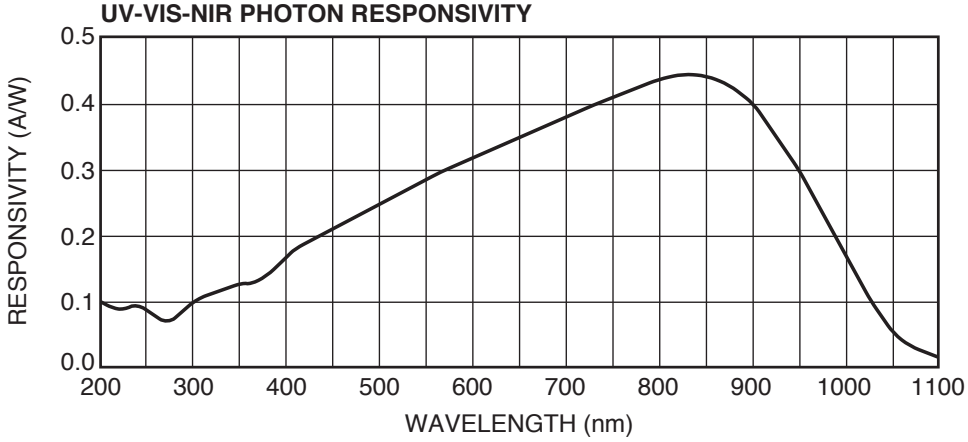
ELECTRON RESPONSE



EUV-UV PHOTON RESPONSE



UV-VIS-NIR PHOTON RESPONSIVITY



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