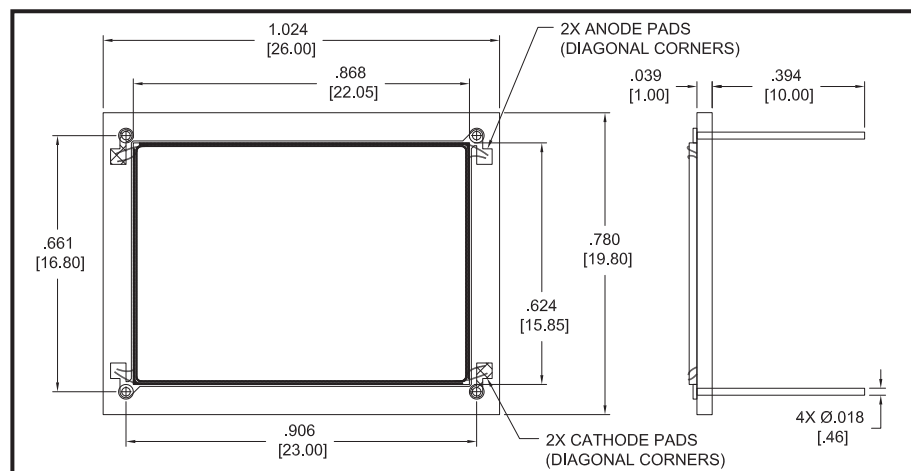


**FEATURES**

- Rectangular active area
- Excellent stability after EUV exposure
- Windowless package for responsivity to 1nm
- Ceramic package

Dimensions are in inch [metric] units.

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area	22.05 mm x 15.85 mm		331		mm ²
Responsivity, $\mathcal{R}$	See attached graph				
Shunt Resistance, R_{sh}	@ ± 10 mV	5			MOhms
Reverse Breakdown Voltage, V_R	$I_R = 1 \mu A$		25		Volts
Capacitance, C	$V_R = 0V$		40		nF
Response Time, t_r	$R_L = 50\Omega$, $V_R = 15V$		15		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	N/A

¹ Soldering not recommended. Use with AXUV300CTS socket or equivalent.

