



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 μA		25		Volts
Capacitance, C	V _R = 0V		40		nF
Response Time, tr	RL = 50Ω, 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

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

