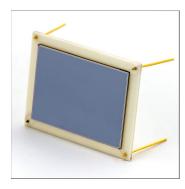
Photodiode 331 mm²



FEATURES

- Rectangular Active Area
- Excellent Stability after EUV Exposure
- Windowless Package for Responsivity to 1 nm
- Ceramic Package

Electro-Optical Characteristics at 25 °C

Parameters	Test Conditions	Min	Тур	Max	Units
Active Area	22.05 mm x 15.85 mm		331		mm ²
Responsivity	See attached graph				A/W
Shunt Resistance	V = ± 10 mV	5			MOhms
Reverse Breakdown Voltage, V _R	Ι _R = 1 μΑ	20	25		Volts
Capacitance, C	V _R = 0 V		25	40	nF
Response Time, tr	RL = 50 Ω, V _R = 0 V		15		usec

Thermal Parameters

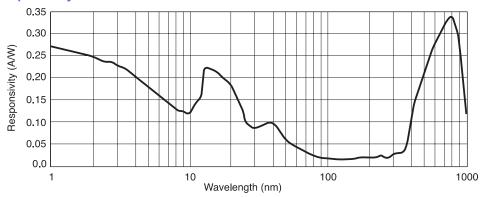
Storage and Operating Temperature Range	Units		
Ambient	-10°C to 40°C		
Nitrogen or Vacuum	-20°C to 80°C		
Lead Soldering Temperature ¹	N/A		

 $^{^{\}rm 1}$ Soldering not recommended. Use with AXUV300CTS socket or equivalent.

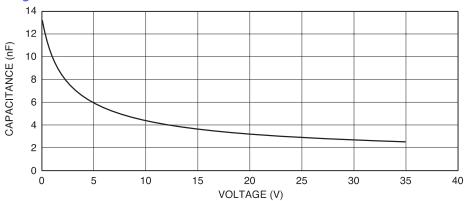
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Photodiode 331 mm²

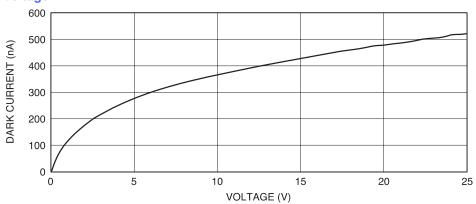
Typical Photon Responsivity



Capacitance vs. Voltage



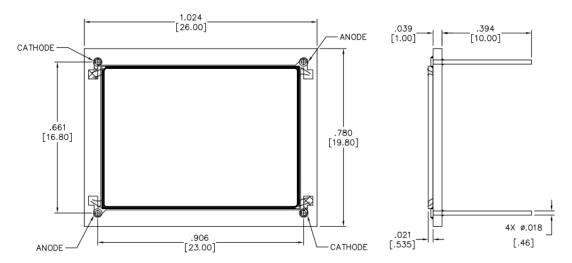
Dark Current vs. Voltage



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Photodiode 331 mm²

Package Information



Dimensions are in inch [metric] units.

Specifications are subject to change without prior notice.

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