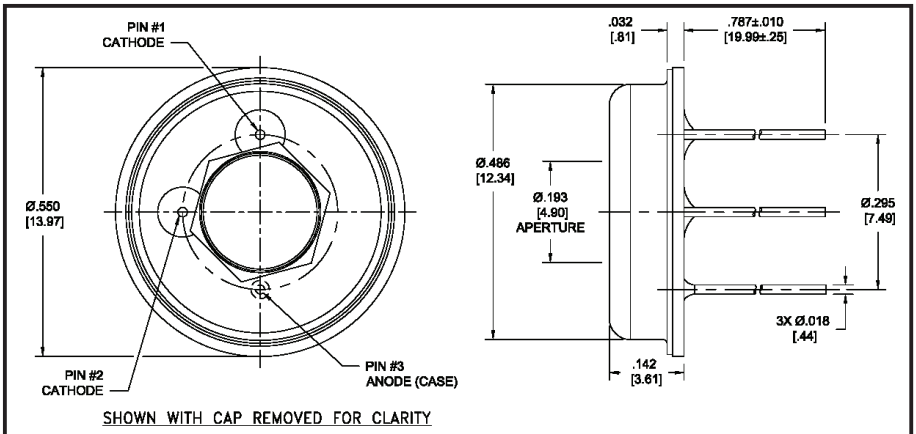

Dimensions are in inch [metric] units.

FEATURES

- Circular Active Area
- Ideal for EUV Detection
- 100% Internal Quantum Efficiency
- Higher Overall Responsivity
- Lower Noise
- Superior Radiation Hardness
- High Photon Flux Robustness
- TO-8 Package

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area[1]	Ø5.01mm		20		mm^2
Responsivity, $\mathcal{R}$	(see graph on next page)				A/W
Reverse Breakdown Voltage, V_R	I_R = 1µA	5	10		Volts
Capacitance, C	V_R = 0V		1.55	3	nF
Rise Time	RL = 50Ω, V_R = 0V		2		usec
Shunt Resistance	V_f = ±10mV	50	200		MOhms

[1]Die Active Area = Ø5.5mm, Aperture Size = Ø4.9mm.

THERMAL PARAMETERS

Storage Temperature Range	-20°C TO 100°C
Operating Temperature Range	-20° TO 80°C[2]
Maximum Junction Temperature	100°C
Lead Soldering Temperature[2]	260°C

[2]1/16" from case for 10 seconds.

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Phone: (805) 499-0335, Fax: (805) 499-8108
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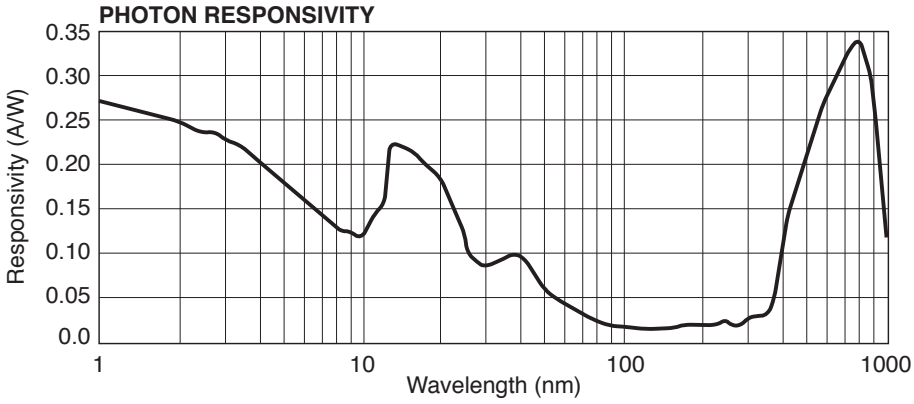

Ordering Information

SXUV20C ODD-SXU-051 Low Noise EUV Detector in TO8 Package

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