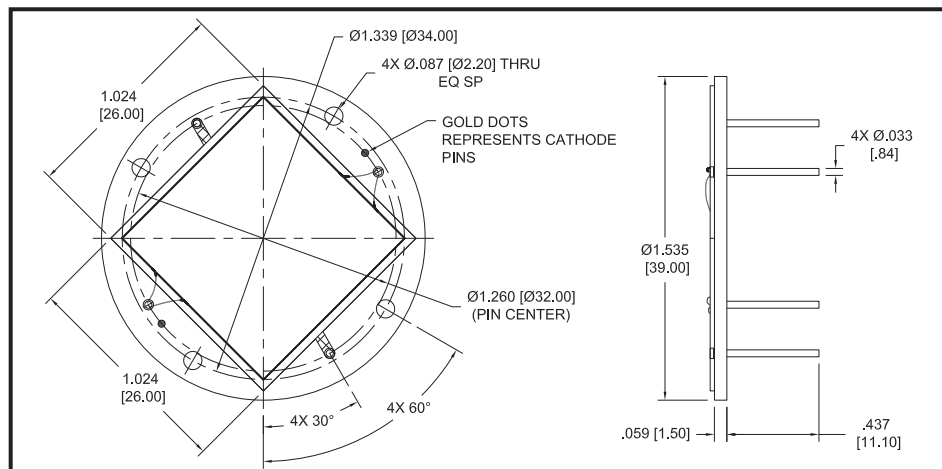




FEATURES

- Square active area
- Round 4 pin package
- Ideal for electron detection
- 100% internal QE

Dimensions are in inch [metric] units.

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area	24.01mm x 24.01mm		576.5		mm ²
Responsivity, $\mathcal{R}$	(see graphs on next page)				
Shunt Resistance, Rsh	@±10mV	5	50		MOhm
Reverse Breakdown Voltage, V _R	I _R = 1μA	5			Volts
Capacitance, C	V _R = 0V			120	nF
Rise Time, tr	V _R = 10V, R _L = 50Ω			50	usec

THERMAL PARAMETERS

STORAGE AND OPERATING TEMPERATURE RANGE	
Ambient ²	-10° TO 40°C
Nitrogen or Vacuum	-20°C TO 80°C
Maximum Junction Temperature	70°C
Lead Soldering Temperature ¹	260°C

¹0.08" from case for 10 seconds.

²Temperatures exceeding these parameters may create Oxide growth on the active area.

Over time Responsivity to Low energy radiation and wavelengths below 150nm will Be Compromised.

