Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
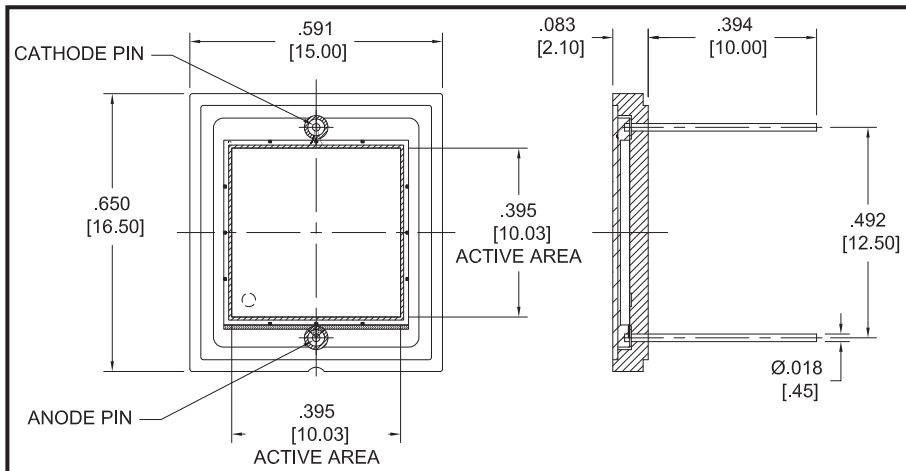

Contact us

FEATURES

- Square active area
- Ideal for 193-400 nm detection
- 100% internal QE
- Excellent UV response
- Protective cover plate

Dimensions are in inch [metric] units.

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area	10 mm x 10 mm		100		mm²
Responsivity, $\mathcal{R}$	@ 254 nm	0.08	0.09	0.13	A/W
Shunt Resistance, Rsh	@ ± 10 mV	20			MOhms
Reverse Breakdown Voltage, V_R	$I_R = 1\ \mu A$		10		Volts
Capacitance, C	$V_R = 0$ V		10	20	nF
Response Time, tr	RL = 50 Ω, $V_R = 10$ V			10	usec

THERMAL PARAMETERS

STORAGE AND OPERATING TEMPERATURE RANGE	
Storage Temperature Range	-20° TO 100°C
Operating Temperature Range	-20°C TO 80°C
Maximum Junction Temperature	100°C
Lead Soldering Temperature[1]	240°C

[1]0.08" from case for 10 seconds

RESPONSIVITY