



FEATURES

- Circular active area
- Ideal for 225-400 nm detection
- 100% internal QE
- Welded cap with UV glass window

Dimensions are in inch [metric] units.

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area	Ø 2.5 mm		5		mm ²
Responsivity, \mathcal{R}	@ 254 nm, $V_R = 0$ V	0.9	0.115		A/W
Dark Current, I_{dr}	$V_R = 6$ V			1	nA
Reverse Breakdown Voltage, V_R	$I_R = 1 \mu A$	25	50		Volts
Capacitance, C	$V_R = 0$ V			2	nF
Rise Time	$V_R = 0$ V		1	2	μsec

THERMAL PARAMETERS

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

¹0.0625" from case for 10 seconds.

