



**FEATURES**

- Peak response at 660nm
- Spectral bandwidth 80nm
- Low dark current
- No optical filters used



**ELECTRO-OPTICAL CHARACTERISTICS AT 25°C**

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area			0.62		mm <sup>2</sup>
Responsivity, $\mathcal{R}$	@ 550nm		0.002		A/W
	@ 660nm	0.35	0.42		
	@ 720nm		0.001		
Dark Current, $I_{dr}$	$V_R = 1V$		50	400	pA
Reverse Breakdown Voltage, $V_R$	$I_R = 10\mu A$	1			Volts
Capacitance, C	$V_R = 0V$		40		pF
Rise Time	$V_R = 1V$		40		nsec

**THERMAL PARAMETERS**

Storage and Operating Temperature Range	-30°C TO 85°C
Lead Soldering Temperature <sup>1</sup>	260°

<sup>1</sup>1/16" from case for 10 seconds.

