



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 ²
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 ¹	260°

¹1/16" from case for 10 seconds.

