



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.

