



FEATURES

- Circular active area
- Ideal for 190-400 nm detection
- 100% internal QE
- UV quartz window epoxy bonded in place

Dimensions are in inch [metric] units.

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

| PARAMETERS | TEST CONDITIONS | MIN | TYP | MAX | UNITS |
|----------------------------------|-------------------|-------|-------|-------|-----------------|
| Active Area | Ø 5.5 mm | | 24 | | mm ² |
| Responsivity, \mathcal{R} | @ 254 nm | 0.105 | 0.115 | 0.125 | A/W |
| Shunt Resistance | $V_F = \pm 10$ mV | 50 | 100 | | Mohm |
| Reverse Breakdown Voltage, V_R | $I_R = 1 \mu A$ | 10 | 50 | | Volts |
| Capacitance, C | $V_R = 0$ V | | 2.5 | 4 | nF |
| Rise Time | $V_R = 0$ V | | | 4 | μsec |

THERMAL PARAMETERS

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

¹0.0625" from case for 10 seconds.

