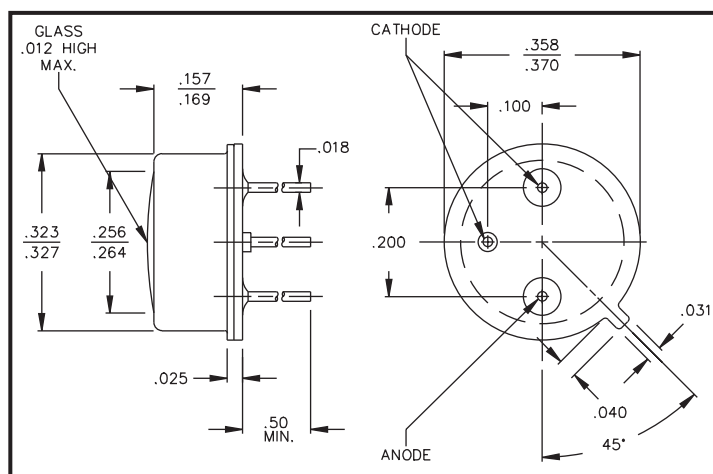




## FEATURES

- TO-5 hermetic package
- Circular active area
- Low capacitance



## ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

| PARAMETERS                       | TEST CONDITIONS | MIN  | TYP  | MAX | UNITS           |
|----------------------------------|-----------------|------|------|-----|-----------------|
| Active Area                      | 2.52mm DIA.     |      | 5    |     | mm <sup>2</sup> |
| Responsivity, $\mathcal{R}$      | @ 632nm         | 0.35 | 0.40 |     | A/W             |
| Dark Current, $I_{dr}$           | $V_R = 10V$     |      | 1    | 3   | nA              |
| Reverse Breakdown Voltage, $V_R$ | $I_R = 10A$     | 25   | 60   |     | Volts           |
| Capacitance, C                   | $V_R = 10V$     |      | 11   |     | pF              |
| Rise Time                        | $V_R = 10V$     |      | 10   |     | nsec            |
| Series Resistance                | $V_f = 1V$      |      | 35   | 100 | Ohms            |

## THERMAL PARAMETERS

|                                         |                |
|-----------------------------------------|----------------|
| Storage and Operating Temperature Range | -55°C TO 100°C |
| Maximum Junction Temperature            | 100°C          |
| Lead Soldering Temperature <sup>1</sup> | 260°0          |

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

