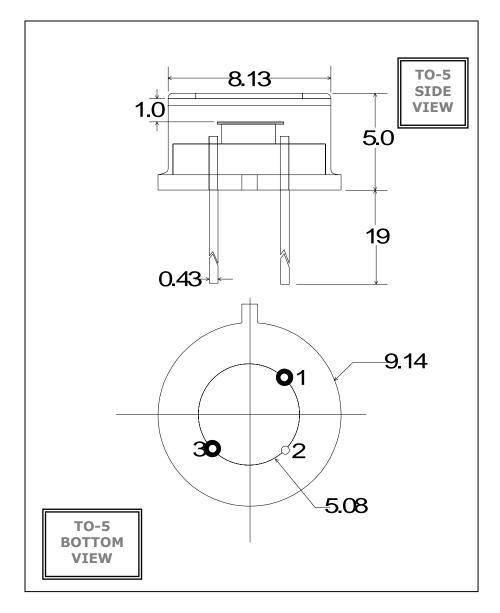
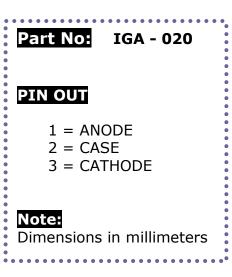


Detector Components

IGA SERIES PHOTODIODE





Application Note

ELECTRO OPTICAL SYSTEMS

offers room temperature photodiode detectors. The units have state-of-the-art sensitivity and may be supported by accessories such as optical filters (longpass and bandpass), integral preamplifiers, and fiber optic connectors. These units find applications in industrial control systems, gas analyzers, thermal sensors, and general fiber optic test instrumentation.

| SPECIFICATIONS | |
|----------------------------|--|
| Active Diameter (mm) | 2.0 mm |
| Operating Wavelength | 1.0 - 1.7 |
| Shunt Resistance (Ω) | ≥ 10M |
| Shunt Capacitance (pF) | 400 TYP |
| Responsivity (A/W) | 0.90 @ 1.3 μm |
| NEP (W/Hz ^{1/2}) | <5.0 X 10 ⁻¹⁴ @ 1.3 μm, 100Hz |

RoHS Compliant