

# 1201 Photodiode

PD3001

## 400 nm to 1700 nm InGaAs PIN Photodiode

### USE IN

- Optical Sensor Temperature Sensing
- Covert IR Sensing Spectrography
- Optical Power Meter Space Light Detect Equipment
- Space Light Detect Equipment
- Light Detection Industrial Automatic Control
- Science Analysis and Experiment
- Medical and Chemical Analysis

Picture	Part No.	Photosurface (mm)	Response Wavelength (nm)	Responsivity (mA/mW@nm)	Dark Current (nA@V)	Capacitance (pF@V)
	PD3001-1	Φ0.1	400 to 1700	0.08@405 0.25@650 0.45@850 0.9@1550	0.002@0 0.01@-5	30@0 2@-5
	PD3001-2	Φ0.3	400 to 1700	0.08@405 0.25@520 0.38@650 0.45@850 0.9@1550	0.05@0 0.2@-5	900@0 5@-5
	PD3001-3	Φ1	400 to 1700	0.12@405 0.35@650 0.48@850 0.90@1550	0.05@0 1@-5	110@0 35@-5
	PD3001-4	Φ2	400 to 1700	0.12@405 0.35@650 0.48@850 0.90@1550	0.1@0 5@-5	1200@0 240@-5

■ The typical Responsivity curve of 400-1700nm InGaAs PIN Photodiode



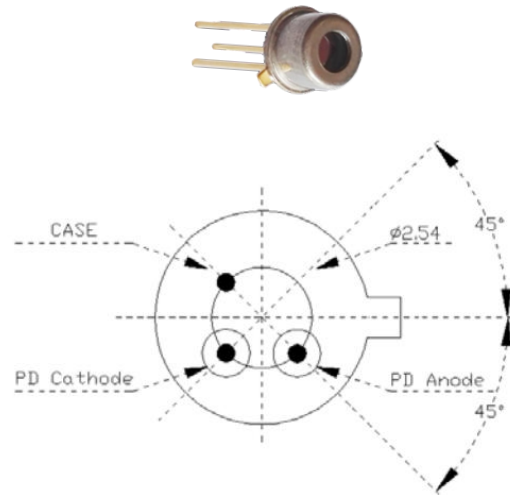
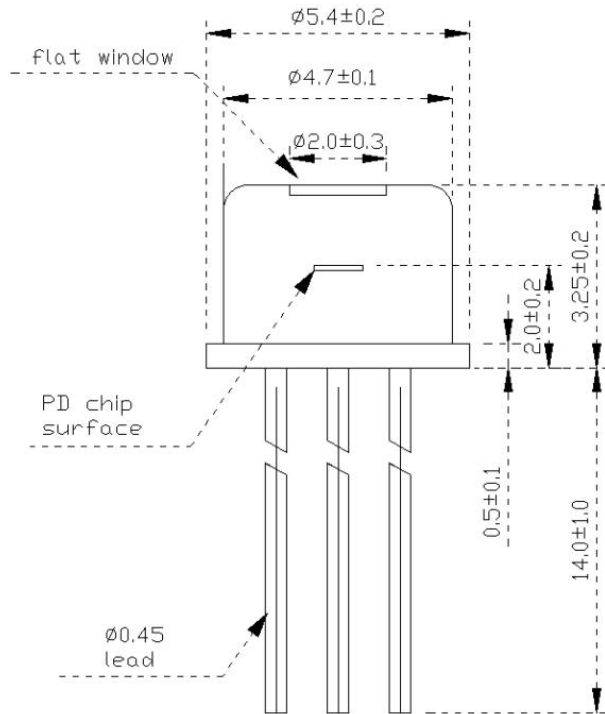
**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.

- 1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
- 2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.

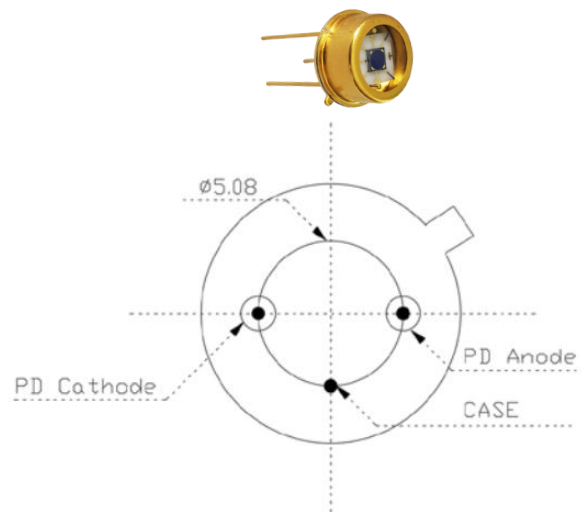
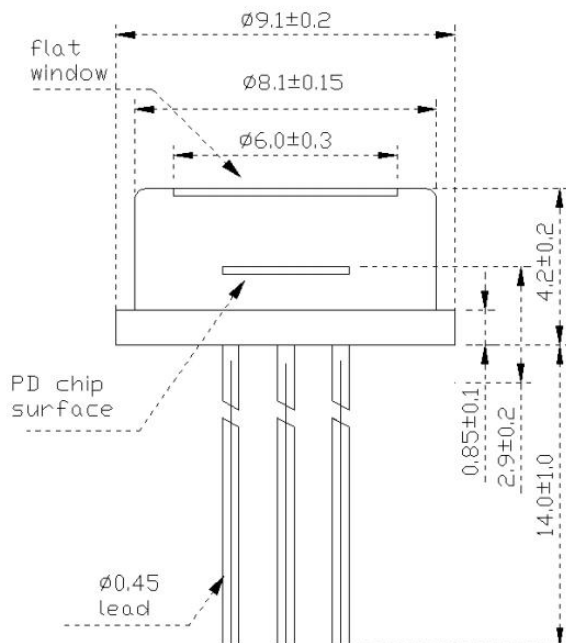
# 1201 Photodiode

PD3001

## MECHANICAL DRAWING



unit: mm



unit: mm

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.

- 1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
- 2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.