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## 2 μm Pigtailed Photodiode

### Product Description

The 2μm Fiber Pigtailed Photodiode is a single fiber device with an integrated photodetector. It features high responsivity, low dark current and good temperature performance over a wide wavelength range.



### Features

- High responsivity
- Low dark current
- High Reliability & Stability
- Cost Effective

### Performance Specifications

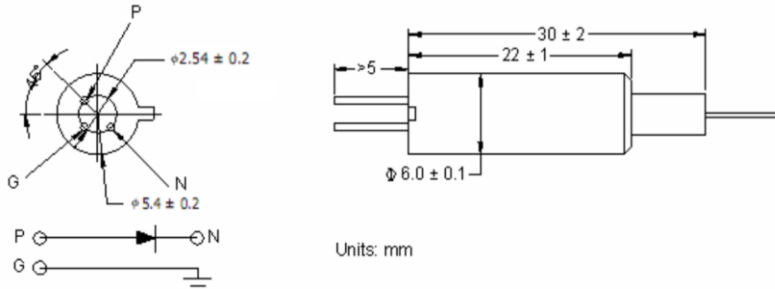
2 μm photodiode	Typical	Unit
Operating Wavelength	900-2500	nm
Responsibility	1x10 <sup>-12</sup>	W/Hz <sup>1/2</sup>
Rise/Fall Time	1	V
Dark Current (@0.5V)	3	μA
Return Loss	40	dB
Operating temperature	-5 ~ 70	°C
Storage temperature	-40 ~ 85	°C
Soldering Temperature	≤ 260	°C

### Applications

- Laser Pump Source
- Optical Fiber Amplifier
- Laser Manufacturing
- Test and Measurement

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## Mechanical Footprint Dimensions (mm)



\*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

## Ordering Information

Prefix	Wavelength	Fiber Type	Fiber Cover	Fiber Length	Connector
FPPD-	900-1950nm=1950 900-2600nm=2600 Special=0000	SM-28=1 SM1950=2 PM1550=5 Special=0	Bare Fiber=1 900um Tube=2 Special=0	0.25m=1 0.5m=2 1.0m=3 1.5m=4 Special=0	None=1 FC/PC=2 FC/APC=3 SC/PC=4 SC/APC=5 ST/PC=6 LC=7 Special=0