



Fiber Pigtailed Photodiode (FPPD Series)

Rev 11E

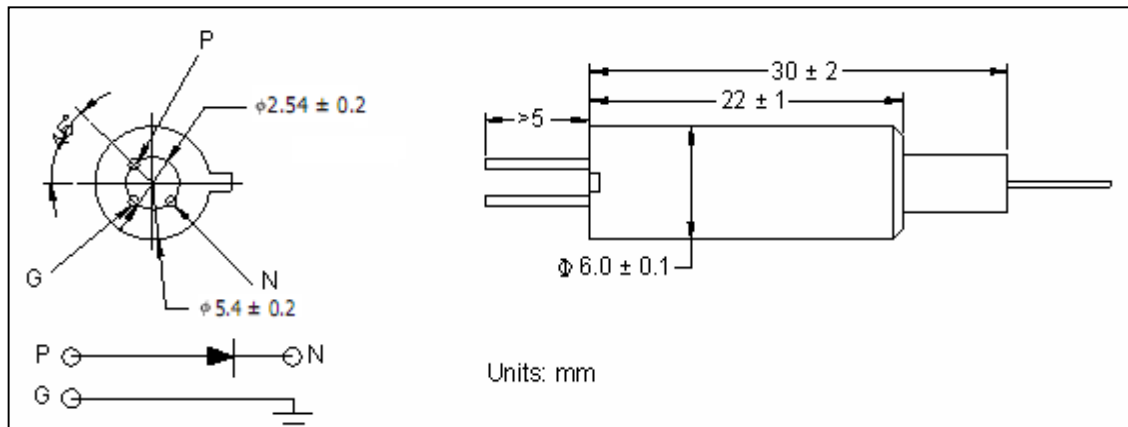
The 2 μm Fiber Pigtailed Photodiode is a coaxial package photoelectrical component. It features high responsivity, low dark current and good temperature performance over a wide wavelength range.

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	2000
Operating Wavelength Range	nm	$\lambda_c \pm 40$
Min. Responsivity	A/W	0.8
Min. Return Loss	dB	40
Max. Reverse Voltage (V_R)	V	1
Typical Bandwidth ($R_L = 50 \Omega, V_R = 0 \text{ V}$)	MHz	90
Max. Dark Current ($V_R = 0.5 \text{ V} @ 70^\circ\text{C}$)	uA	1
Max. Capacitance ($V_R = 0 \text{ V}, f = 1 \text{ MHz}$)	pF	50
Fiber Type		SMF-28 fiber
Operating Temperature	°C	0 to +70
Storage Temperature	°C	-40 to +85
Soldering Temperature (over 2 mm from head, less than 5 s)	°C	≤ 260

*RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

FPPD-①①-②-③-④

①①: Center Wavelength

20 - 2000 nm

②: Connector type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

③: Fiber Jacket

B - 250 μm bare fiber

L - 900 μm loose tube

T - 900 μm tight buffer

④: Fiber Length

1 - 1.0 m

F - 1.5 m

S - Specify