



Fiber Pigtailed Photodiode (FPPD Series)

Rev 11E

Description

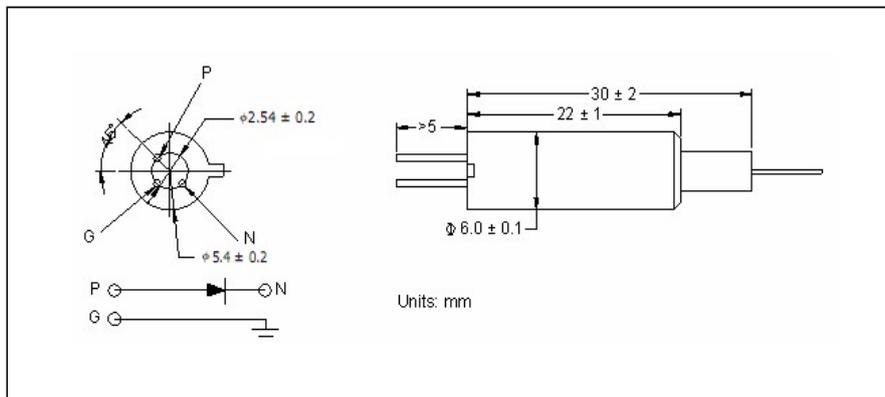
The 2 μm Fiber Pigtailed Photodiode is a coaxial package photoelectrical component. It features high responsivity, low dark current and good temperature performance over a wide wavelength range.

Specifications

Parameter	Unit	Value
Center Wavelength (λ)	μm	2
Operating Wavelength Range	nm	c ± 40
Min. Responsivity	A/W	0.8
Min. Return Loss	dB	40
Max. Reverse Voltage (V _R)	V	1
Max. Input Power	mW	10
Typical Bandwidth (R _L = 50 Ω, V _R = 0 V)	MH	90
Max. Dark Current (V _R = 0.5 V @ 70 °C)	μA	1
Max. Capacitance (V _R = 0 V, f = 1 MHz)	pF	50
Fiber Type	-	SMF-28 Fiber
Operating Temperature		0 to + 70
Storage Temperature		- 40 to + 85
Soldering Temperature (over 2 mm from head, less than 5s)		260

¹RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

FPPD- - - -

: Center Wavelength	: Connector Type	: Fiber Jacket	: Fiber Length
20 - 2000 nm	1 - FC/UPC 2 - FC/APC 3 - SC/UPC 4 - SC/APC N - None S - Specify	B - 250 μm Bare Fiber L - 900 μm Loose Tube T - 900 μm Tight Buffer	1 - 1.0 m F - 1.5 m S - Specify

