

Fiber Pigtailed Photodiode 2000 nm

Model #: FPD

Description: Fiber pigtailed photodiode for 2000 nm

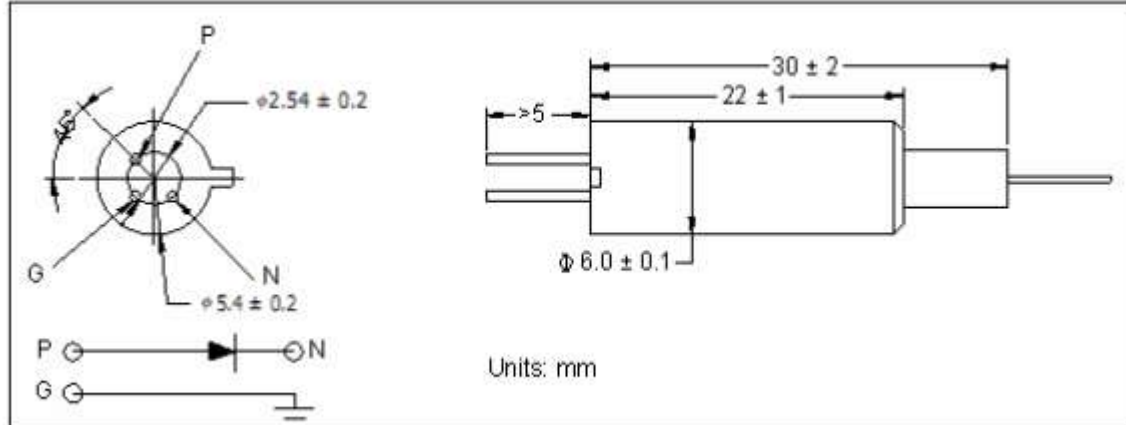
Application: test and measurement, optical network monitoring, ADOM

Specifications:

Parameter	Unit	Specifications
Central Wavelength (λ_c)	nm	2000
Operating Wavelength Range (λ_{op})	nm	$\lambda_c \pm 40$
Min. Responsivity	A/W	0.8
Max. Input Power	mW	10
Typical Bandwidth (RL = 50 Ω , 0V)	MHz	90
Max. Reverse Voltage (V_R)	V	1
Max. Dark Current ($V_R=0.5V @ 70^\circ C$)	μA	2
Max. Capacitance ($V_R=0V, f = 1MHz$)	pF	50
Min. Return Loss	dB	40
Max. Soldering Temperature (over 2 mm from head, less than 5 seconds)	$^\circ C$	260
Operating Temperature	$^\circ C$	0 to +70
Storage Temperature	$^\circ C$	-40 to + 85
Fiber Type		SMF-28 fiber

Note: each connector may contribute 5 dB lower RL.

Package Dimensions



Ordering Information:

FPD-AAAA-B-C-D-E

AAAA: wavelength	B: connector type	D: fiber jacket	E: fiber length
2000 – 2000 nm	1 - FC/UPC	B - 250 μ m bare fiber	1 – 1.0 m
	2 - FC/APC	L - 900 μ m loss tube	F – 1.5 m
	3 - SC/UPC	T - 900 μ m tight buffer	X - other
	4 - SC/APC		
	N - none		
	X - other		