

1020-1120nm Fiber Pigtailed PhotoDiode

FEATURES

- High Responsivity
- Low Dark Current
- Wide Passband
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATIONS

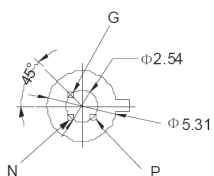
- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensor
- Lab

SPECIFICATIONS

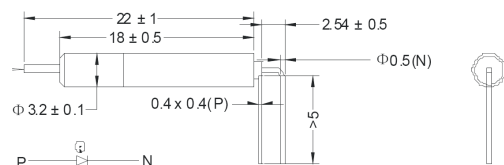
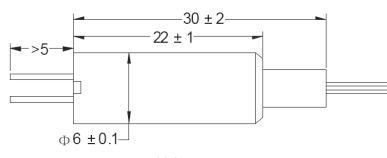
Parameter	Unit	Value
Center Wavelength	nm	1030, 1053, 1064, 1080, 1092, 1120
Bandwidth	nm	+/-15
Responsivity	A/W	≥0.35
Return Loss	dB	≥40
Dark Current (70°C, 5V Bias)	nA	≤10
Fiber Type	-	HI1060 Fiber or 10/125um SC Fiber (E) 10/125um DC Fiber (O), 15/130um DC Fiber (W) 20/130um DC Fiber (Q) or 25/250um DC Fiber (R)
Max. Optical Power on PD (CW)	mW	10
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Soldering Temperature	°C	≤260 (<5s, over 2mm from head)
Absolute Max Reverse Voltage	V	20

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, RL is 5dB lower.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

PACKAGE DIMENSION



Standard TO-46 Package



Mini-size Package

ORDERING INFORMATION (PN)

Wavelength	Bandwidth	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1030-1030nm	20-2G	S=Standard	E=10/125 SC Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1064-1064nm	05=0.5G	M=Mini-size	Q=20/130 DC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1092-1092nm			R=25/250 DC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1120-1120nm			Blank for HI1060 Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector