

## Features

- Active diameter 1000μm
- Small dark current
- High reliability
- High stability

## Applications

- Optical Communication System
- Test Instruments



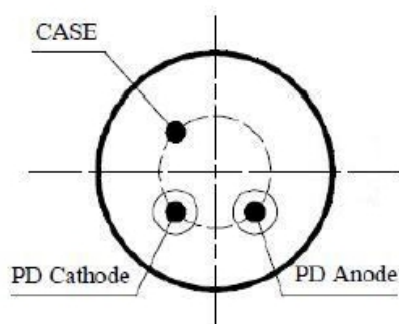
## Absolute maximum ratings

Parameter	Symbol	Condition	Ratings	Unit	Remark
Storage temperature	T <sub>stg</sub>	—	-40~+85	°C	
Operating temperature	T <sub>op</sub>	—	-40~+70	°C	
Reverse voltage	V <sub>R</sub>	CW	30	V	
Soldering time	—	—	10	s	
Soldering Temp	—	—	260	°C	

## Optical & electrical characteristics(Tc=25°C ± 3°C)

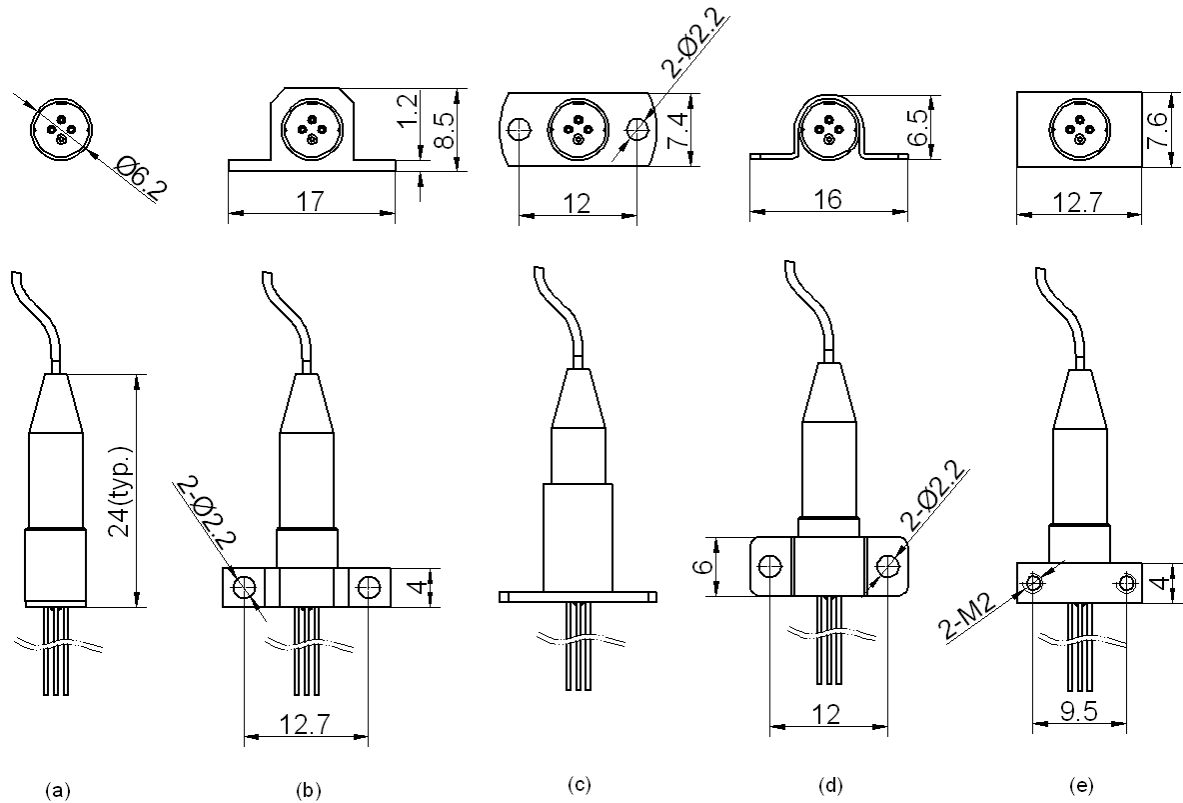
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Detection Range	λ	900	—	1700	nm	—
Active Diameter	φ	—	1000	—	um	—
Staturated Power	P <sub>s</sub>	10	—	—	dBm	V <sub>r</sub> =0V
Linearity Range	LR	-50	—	+26	dBm	V <sub>r</sub> =0V
Responsibility	R	—	0.010	—	A/W	λ=1310 nm
Dark Current	I <sub>d</sub>	—	—	5	nA	V <sub>R</sub> = -5V
Capacitance	C <sub>t</sub>	—	—	150	pF	V <sub>r</sub> =-5V, f=1MHz

## PIN assignment:



Type B (Bottom view)

### Saddle Type:



### Order information

ODE	—	<u>X</u>	—	<u>X</u>	—	<u>X</u>	—	<u>X</u>
Detect			Input Power			Connector		Saddle Type
Diameter			1, ~50mW			00:NO		1,a
1:300um			2:-70~+6dBm			FA:FC/APC		2,b
2:500um			3:-60~+16dBm			FP:FC/PC		3,c
3:1000um			4:-50~+26dBm			SA:SC/APC		4,d
4:1500um			5:-40~+34dBm m			SP:SC/PC		5,e
5:2000um						SU:SC/UPC		



---

地址：重庆市南岸区茶园梅花路 1 号 3-2

邮政编码：401331

电话：023-62982625

传真：023-62982613

[Http://www.O-Send.com](http://www.O-Send.com)

Address: 3-2, No. 1, Meihua Road, Chayuan

Economic Development Zone, Nan An District,

Chongqing, 401331, China.

Tel:+86-23-62982625

Fax:+86-23-62982613