

1000um InGaAs PIN Module

Features

Active diameter 1000um
Small dark current
High reliability
Package can be customized

Applications

Fiberoptics telecommunication networks
Digital receivers
Optical interconnects
Test and measurement
Datacom



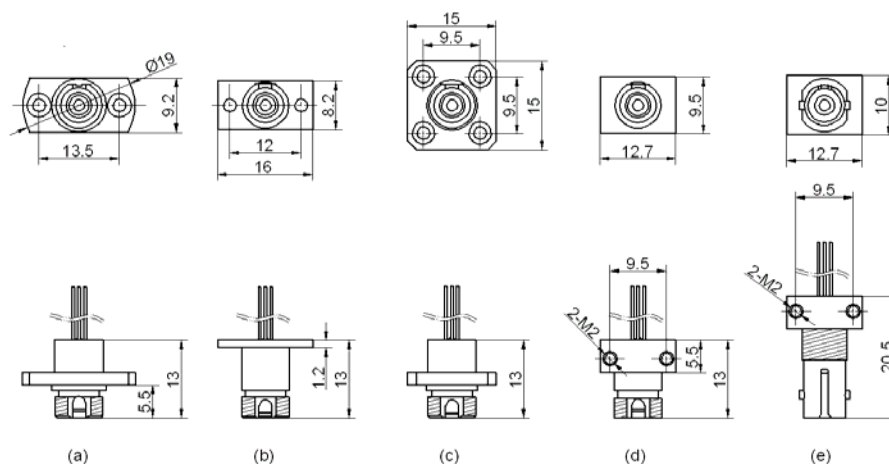
Absolute maximum ratings

Parameter	Symbol	Value	Unit
Storage temperature	T _{st}	-40~+85	°C
Operating temperature	T _{op}	-40~+85	°C
Reverse voltage	V _R	30	V
Soldering temperature/time	—	260/10	°C/ s

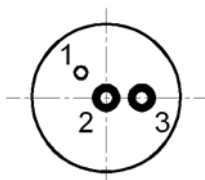
Optical & electrical characteristics(T=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test condition
Detection range	λ	1100	-	1650	nm	-
Dark current	I _d	-	0.1	1	nA	V _R =5V
Quantum efficiency	R	0.80	0.85	-	A/W	V _R =5V, λ =1310 nm
Capacitance	C _t	-	-	0.75	pF	V _R =5V

Dimensions Diagram



PIN assignment



pin	Function
1(case)	GND
2	N
3	P

Order information

D	1	10	X	B
			Range	Package
			0,-70~+6dBm	1,a
			1, -60~+10dBm	2,b
			2, -50~+20dBm	3,c
				4,d
				5,e
				S,S

This device is susceptible to damage as a result of electrostatic discharge (ESD). A static free environment is highly recommended. Follow guidelines according to proper ESD procedures

