

Visible LD Modules

Features

MQW F-P LD

Built-in InGaAsP monitor PD

Low threshold/operate current

High reliable

Applications

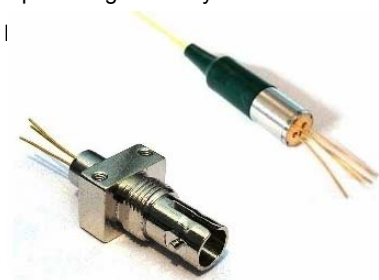
Fiber optic communications

Optical Sensing

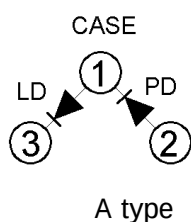
Process Control

Test and Measurement Equipment

Optical Alignment Systems



PIN assignment



pin	Function
1(case)	LD(+)/PD(-)
2	PD(+)
3	LD(-)

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



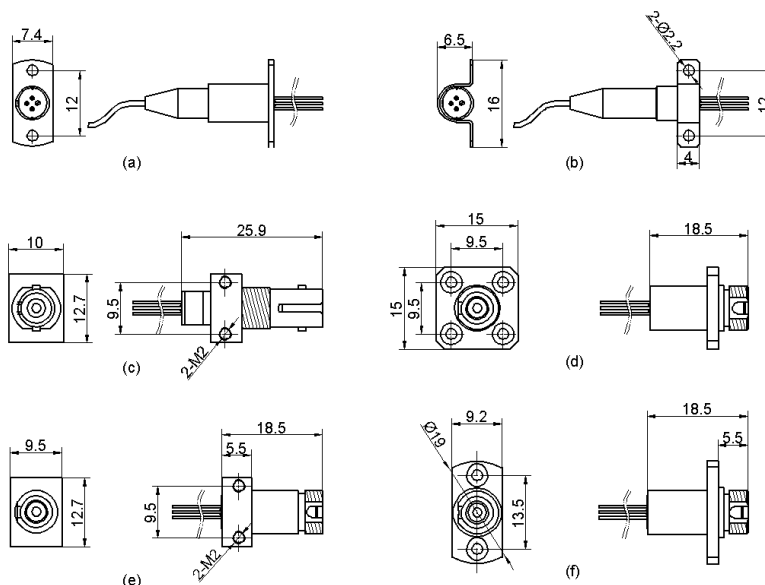
Absolute maximum ratings

Parameter	Symbol	Value	Unit
LD Reverse current	IF	100	mA
PD Reverse current	IF	2	mA
Operating temperature	Top	-10~+40	°C
Storage temperature	Tst	-40~+85	°C
Soldering temperature/time	-	240/10	°C /S

Optical & electrical characteristics(T=25°C)

Parameter	Symbol	Test condition	Min.	Max.	Unit	unit
Center wavelength	λ	CW	640	650	660	nm
Spectral width	$\Delta\lambda$	CW	-	-	5	nm
Threshold current	Ith	-	-	12	-	mA
Operating Current	Iop	Po=1mW	-	18	-	mA
Monitor current	Im	CW	-	0.15	0.6	mA

Dimensions Diagram



Order information

SV	X	X	X	X
	wavelength	PIN out	Power	Package
	3,635	1,A	1,1mW	1, (a)
	5,650	S,spec.	3,3mW	2, (b)
	7,670		5,5mW	3, (c)
	S,spec.		0,10mW	4, (d)
				5, (e)
				6, (f)
				S,spec.

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