

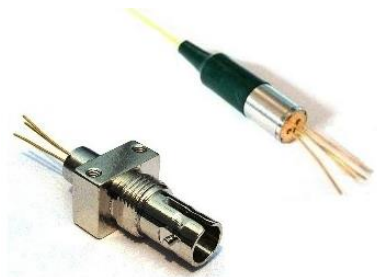
1064nm LD Module

Features

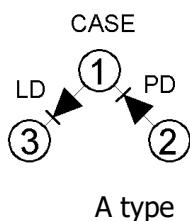
1064nm MQW F-P LD
Low threshold/operate current
High reliability

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(-)

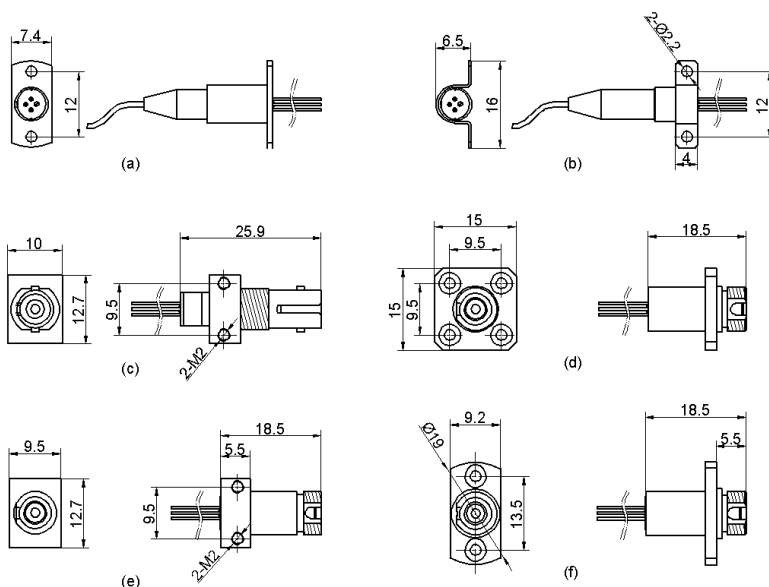
Absolute maximum ratings

Parameter	Symbol	Value	Unit
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.	Typ.	Max.	unit
Center wavelength	λ	CW	1058	1064	1070	nm
Threshold current	I _{th}	-	-	20	40	mA
Operating Current	I _{op}	P _o =10mW	-	100	140	mA
Operating Voltage	I _{op}	P _o =10mW	-	1.6	1.9	V
Monitor current	I _m	CW	-	0.4	2	mA

Dimensions Diagram



Order information

SI	1064	X	X	X
	wavelength 9,980	PIN out 1,A S,spec.	Power 2,2mW 5,5mW A,10mW	Package 1, (a) 2, (b) 3, (c) 4, (d) 5, (e) 6, (f) S,spec.

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.

