

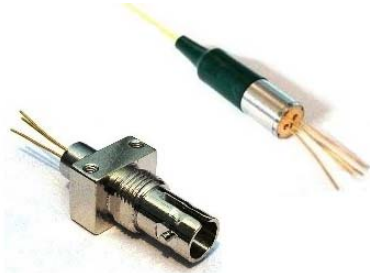
850nm LED Module

Features

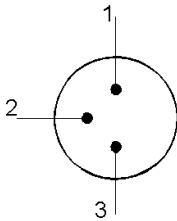
High reliable
Wide temperature range operation

Applications

Fiber Inspect
Sensor



PIN assignment



A type

pin	Function
1	case
2	CATHODE
3	ANODE

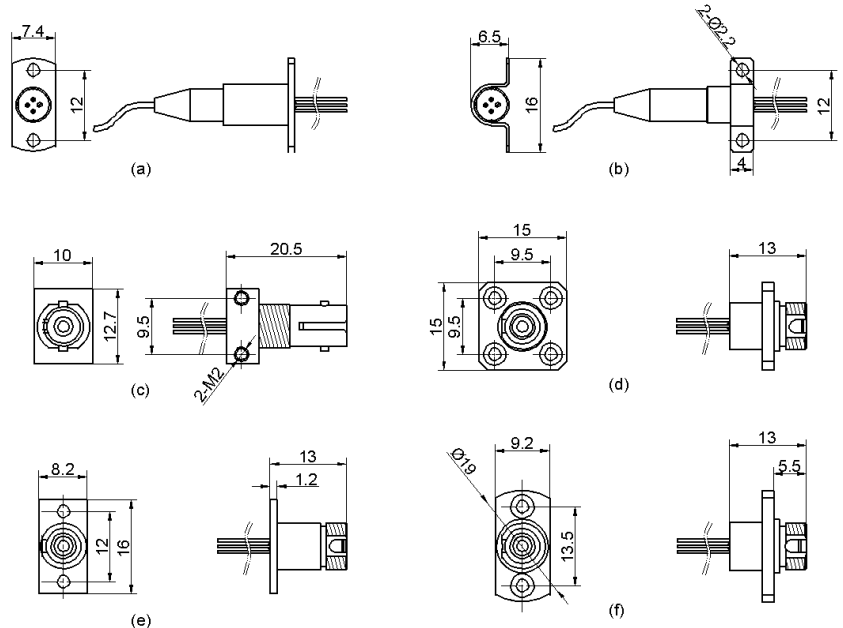
Absolute maximum ratings

Parameter	Symbol	Value	Unit
Storage temperature	T _{st}	-40~+85	°C
Operating temperature	T _{op}	-40~+85	°C
Operating current	I _F	150	mA
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
Center wavelength	λ_c	830	850	870	nm	
Spectral width	$\Delta\lambda$	-	-	35	nm	I _f =50mA
Output power	P _o	60	80	-	uW	62.5μm, 100mA
Operating voltag	V _f	-	1.8	2.0	V	
Rise/ Fall time	tr/ tf	-	4.5	6	ns	10~90%

Dimensions Diagram



Order information

SE	X	X	X	X
	Wavelength	Pin assignment	Output power	Package
	1,1310	1,A type	1,20uW	1, (a)
	2,850	S,spec.	S,spec.	2, (b)
	S,spec.			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.



Copyright © 2008 by shinebon