



BXLD3825-A-S64

1310/850nm FP LD Module

Features:

- ◆ Fabry-Perot LD
- ◆ Built-in monitor photodiode
- ◆ High Stability
- ◆ 50 μ m MM Pigtail Package
- ◆ 0.2m fiber FC/PC connector

Application:

- Test Instrument



Specification:

Parameter	Symbol	Test Condition	Min	Typ.	Max	Unit
Output Optical Power	Pout	Iop=30mA (1310nm) Iop=6mA (850nm)	0.2	-	1.0	mW
1310nm Centre Wavelength	λ	CW	1290	1310	1330	nm
850nm Centre Wavelength	λ	CW	830	850	870	nm
Spectrum Width	$\Delta\lambda$	CW	-	-	5	nm
Threshold Current(1310nm)	Ith	CW	-	10	15	mA
Threshold Current(850nm)	Ith	CW	-	0.5	-	mA
Rise and Fall Times	Tr/Tf	CW	-	-	0.7	ns
Monitor Current	Im	CW	100	-	-	μ A
Monitor Output Current	Id	CW	0.05	-	-	mA

Absolute Maximum Ratings:

Parameter	Symbol	Value	Unit
Continuous Forward Current (1310nmLD)	IF(LD)	100	mA
Continuous Forward Current (850nmLD)	VR(LD)	20	mA
Reverse Voltage (LD)	VR(LD)	2	V
Case Temperature	Top	-20~+70	$^{\circ}$ C
Storage Temperature	TST	-40~+85	$^{\circ}$ C
Lead soldering temperature/Duration	-	240/10	$^{\circ}$ C/S



Mechanical Dimension Drawing & PIN Assignment:

