



**BXLD3525G-A-P56-S78**

**1310/1550nm LD Module**

**Features:**

- ◆ Fabry-Perot LD
- ◆ Built-in monitor photodiode
- ◆ High Stability
- ◆ SMF 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=30mA (1550nm)	1.0	-	2.0	mW
1310nm Centre Wavelength	$\lambda$	CW	1290	1310	1330	nm
1550nm Centre Wavelength	$\lambda$	CW	1530	1550	1570	nm
Spectrum Width	$\Delta\lambda$	CW	-	-	5	nm
Threshold Current(1310nm)	Ith	CW	-	10	15	mA
Threshold Current(1550nm)	Ith	CW	-	10	15	mA
Rise and Fall Times	Tr/Tf	CW	-	-	0.7	ns
Monitor Current	Im	CW	100	-		$\mu$ A
Monitor Output Current	Id	CW	-	-	10	nA

**Absolute Maximum Ratings:**

Parameter	Symbol	Value	Unit
Forward Current (LD)	IF(LD)	100	mA
Reverse Voltage (LD)	VR(LD)	2	V
Forward Current (PD)	IF(PD)	2	mA
Reverse Voltage (PD)	VR(PD)	20	V
Operating Temperature	Top	-20~+70	$^{\circ}$ C
Storage Temperature	TST	-40~+85	$^{\circ}$ C

**Mechanical Dimension Drawing & PIN Assignment:**

