

Absolute Maximum Ratings

$T_{case}=25\text{ }^{\circ}\text{C}$

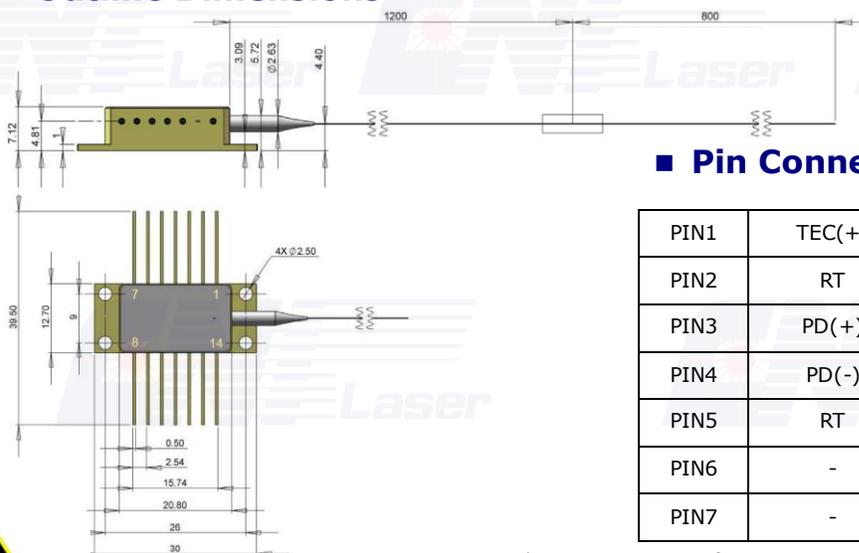
Parameter	Symbol	Value	Unit
Output Power	$P_o(\text{CW})$	600	mW
Reverse Voltage	V_R	2	V
LD&FBG Operating Temperature	T_{op}	-20~+75	$^{\circ}\text{C}$
Storage Temperature	T_{stg}	-40~+85	$^{\circ}\text{C}$
Lead Soldering Temperature (10 sec.)	T_{is}	300	$^{\circ}\text{C}$

Initial Electrical/Optical Characteristics

$T_{case}=25\text{ }^{\circ}\text{C}$

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Threshold Current (Typ.)	I_{th}	CW	-	-	85	mA
Operating Current (Typ.)	I_{op}	$P_o=600\text{mW}$	-	-	1300	mA
Operating Voltage	V_{op}	$P_o=600\text{mW}$	-	-	2	V
Operating Wavelength	λ_{peak}	$P_o=600\text{mW}$	975	976	977	nm
Spectral Width(FWHM)	$\Delta\lambda$	$P_o=600\text{mW}$	-	-	0.5	nm
TEC Current	I_{max}	-	-	-	4.1	A
TEC Voltage	V_{max}	-	-	-	4.5	V
Monitor Current	I_{pd}	-	-	-	10	mA
Fiber Core Diameter	PM980					
Fiber Connector	FC/APC					
Polarization extinction ratio	13dB					
Fiber Length	>80cm					
Package Style	14PIN					

Outline Dimensions



Pin Connection

PIN1	TEC(+)	PIN8	-
PIN2	RT	PIN9	-
PIN3	PD(+)	PIN10	LD(+)
PIN4	PD(-)	PIN11	LD(-)
PIN5	RT	PIN12	-
PIN6	-	PIN13	CASE
PIN7	-	PIN14	TEC(-)

* Measuring specifications.

All figures in this specification are measured by CNI's method and may contain measurement deviations.

The above specifications are for reference purpose only and subjected to change without prior notice.

