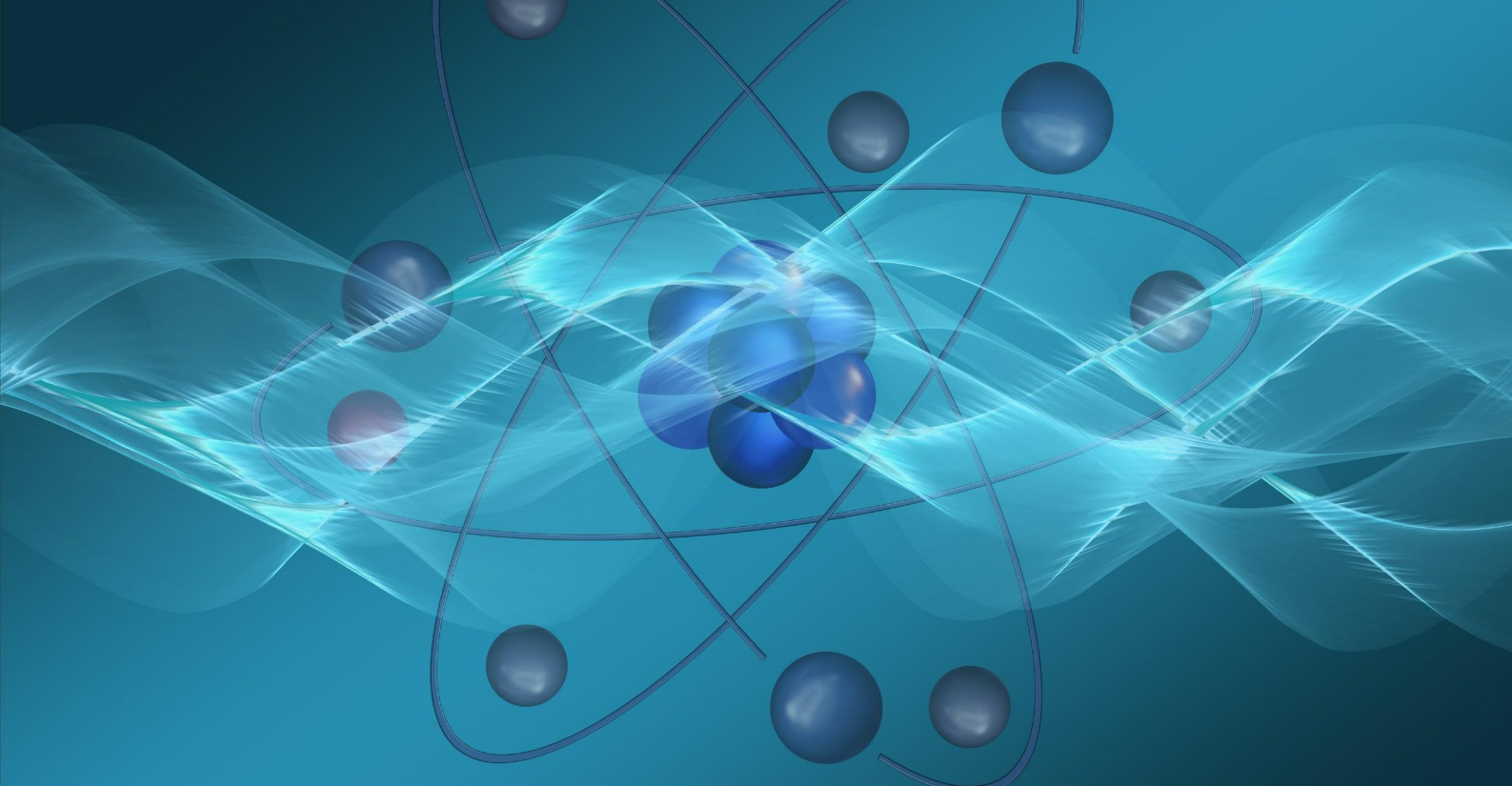




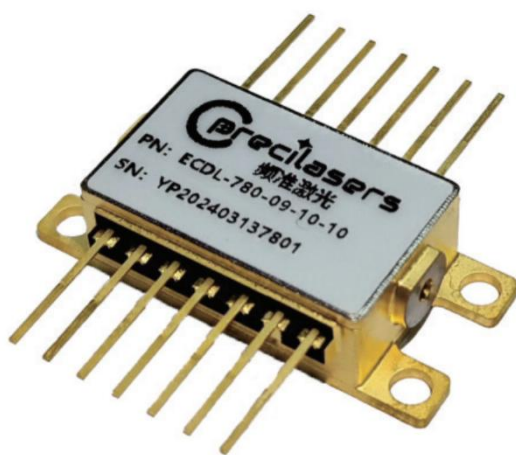
780nm Fixed Externally Cavity Diode Laser(spatial output)

Precilasers' spatial output 780nm semiconductor laser diode emits continuous laser with narrow line width and linear polarization.

- **Features**
- Narrow Linewidth
- Linear Polarization
- Continuous Laser

Application

- Optical Precision Measurement

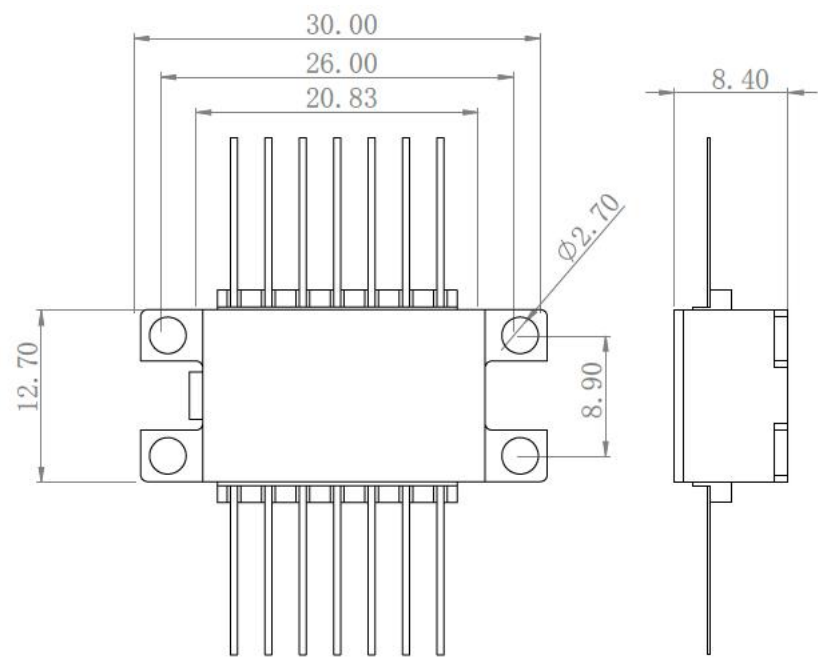


Optical Specification	
Partnumber	FECL-SF-X-BF ⁽¹⁾
Center Wavelength	780.23nm
Threshold Current	120mA
Maximum Current	250mA
Working Current	180mA
Output Power	24.4mW
Temperature Frequency Tuning Range	17.5GHz
Linewidth ⁽²⁾ (100 us integration)	75kHz
Thermistor	10k Ω
I-TEC Limits	1500mA

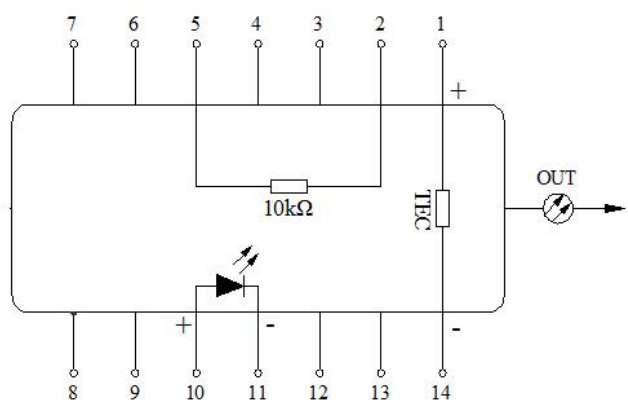
(1) X is the center wavelength, for 780nm laser, the partnumber is FECL-SF-780-BF

(2) Fiber delay self-heterodyne beat frequency method measurement

❖ Product Dimensions



Product Dimensions



1	Thermoelectric Cooler (+)
2	Thermistor
3	NC
4	NC
5	Thermistor
6	NC
7	NC
8	NC
9	NC
10	LD Anode (+)
11	LD Cathode (-)
12	NC
13	NC
14	Thermoelectric Cooler (-)

Pin Configuration Diagram