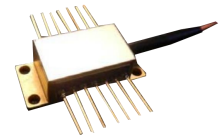


1105 LED Short Wavelength

LD-660-001-BT-MM



660 nm LD, 1W , 14-pin Butterfly Package, MM Fiber

The Optilab LD-660-001-BT-MM is a 660 nm 1 W fiber coupled laser diode with butterfly (BTF) package. It features a 1 W output power, built-in TEC cooler and photodiode. This product can be used for medical laser treatment and sensor.

FEATURES

- 660 nm
- 14-Pin Butterfly Package
- Built-in TEC Cooler
- Built-in Photodiode

USE IN

- Medical Laser Treatment
- Sensor

Center Wavelength	660±10 nm
Optical Output Power	1 W typ.
Spectral Width (FWHM)	3 nm typ.
Recommended Operating Temperature	25°C
Temperature Coefficient of Wavelength	0.3 nm/°C
Threshold Current	0.5 A typ.; 1.0 A max.
Operating Current	1.6 A typ.; 1.8 A max.
Operating Voltage	2.2 V typ.; 2.5 V max.
TEC Current	2 A max.
TEC Voltage	8 V max.
Thermistor	10 K
Fiber Core	105 um
N.A.	0.22
Reverse Voltage	2 V
Lead Soldering Temperature (10 sec.)	260 °C
Operating Temperature	+10 °C to +30 °C
Storage Temperature	-20 °C to +80 °C
Fiber Type	SM Fiber

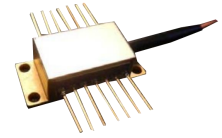
Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.

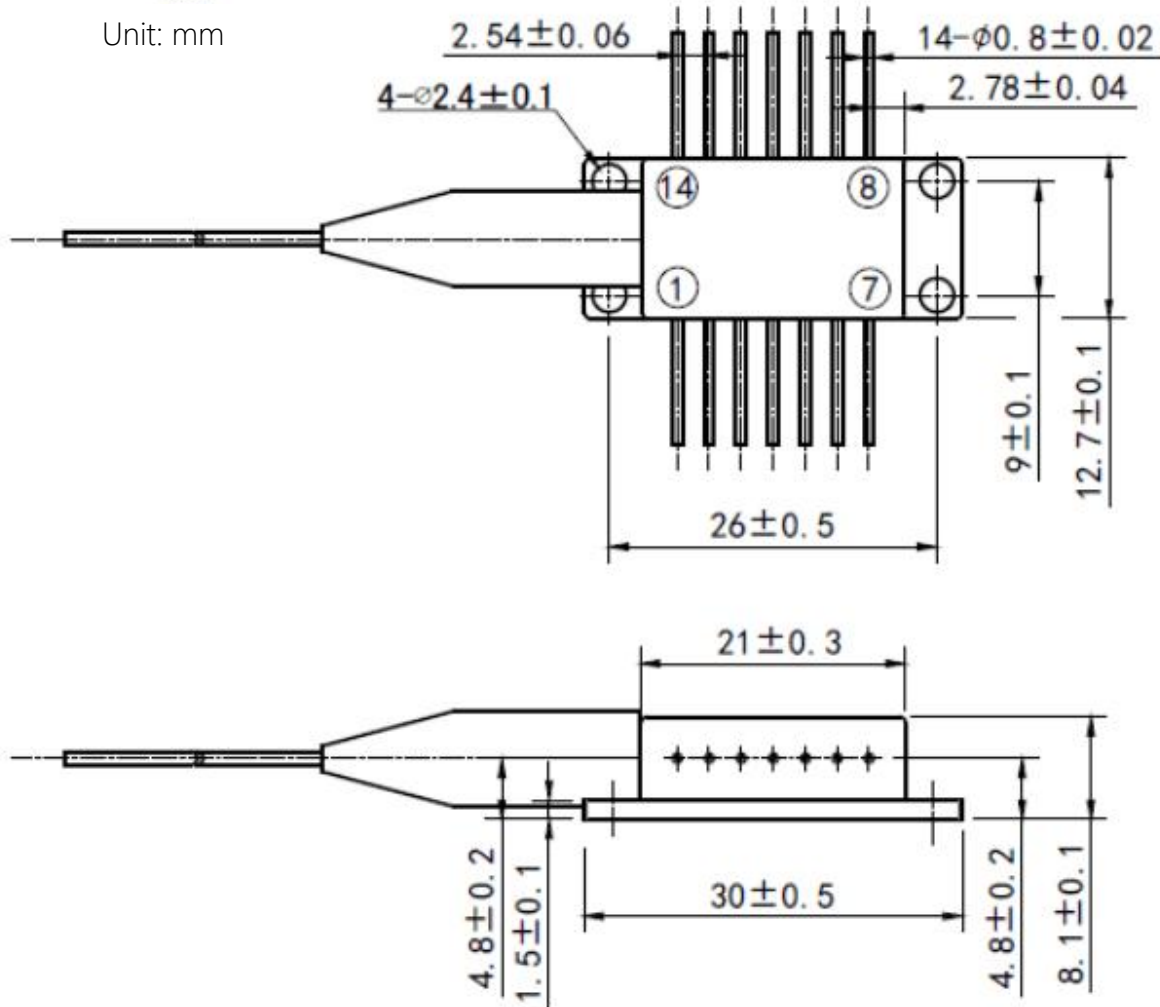
1105 LED Short Wavelength

LD-660-001-BT-MM



MECHANICAL DRAWING

Unit: mm



Pin#	Desc	Pin#	Desc
1	TEC+	8	NC
2	Thermistor	9	NC
3	PD+	10	LD+
4	PD-	11	LD -
5	Thermistor	12	NC
6	NC	13	Case Ground
7	NC	14	TEC-

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