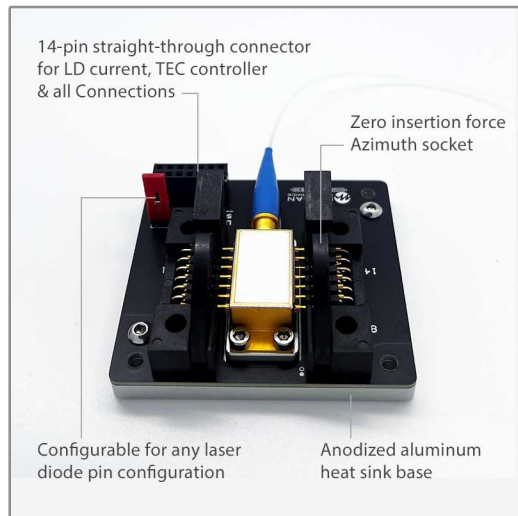




Advanced performance products
for laser scientists and engineers.



Mount and Heatsink for 14-Pin Butterfly Packaged Laser Diodes

This laser diode mount and heatsink is designed to safely mount 14-pin butterfly packaged laser diodes. It features an Azimuth zero insertion force (ZIF) socket and plastic clamp-down arms. The plastic clamping arms secure the butterfly package pins to the electrical contact plane. The LDM-BUTTERFLY has a straight-through 14 pin connector to make connection to your laser diode driver and TEC controller simple and straight-forward.

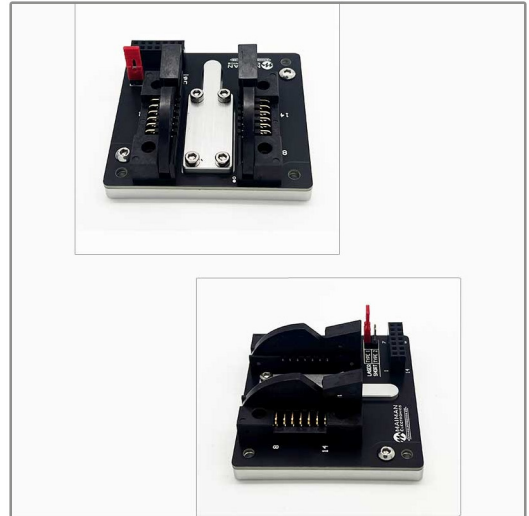
TECHNICAL QUESTIONS AND INSTALLATION SUPPORT

800.887.5065

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1820 W. Lincoln Street
Bozeman, MT, 59715

- **Configurable to Work with Any Laser Diode Pin Configuration**
- **Azimuth Zero Insertion Force Socket with Plastic Clamping Arms Ensures Good Electrical Contact**
- **Integrated Anodized Aluminum Heat Sink Base**
- **Rated for Laser Diode Current up to 3 Amps**



Configurable for Any Laser Diode Package Type

The LDM-BUTTERFLY has a 14-pin connector which allows the user to route any signal to any pin. The 14-pin on-board connector is a standard model 61301421821 dual socket header manufactured by Wurth Elektronik. Male connectors are available on Mouser, Digikey etc.

For safety when mounting the diode, the mount has short circuits of the LD contacts.

Don't forget to remove the short after installing the diode!

PIN Configuration

LD connector	Output connector	Type 1 package*	Type 1 short	Type 2 package*	Type 2 short
1	1	TEC anode	┌	Thermistor	└
2	2	Thermistor		Thermistor	
3	3	PD anode		LD cathode	
4	4	PD cathode		PD anode	
5	5	Thermistor		PD cathode	
6	6			TEC anode	
7	7			TEC cathode	
8	8				
9	9				
10	10	LD anode			
11	11	LD cathode		LD anode	
12	12				
13	13			LD anode	
14	14	TEC cathode			

Mechanical dimensions

