

ESD precautions
thermal management
DFB laser concept
Tunable Diode Laser Spectroscopy (TDLAS)
n+ packages

Packaging Options

nanoplus packaging options

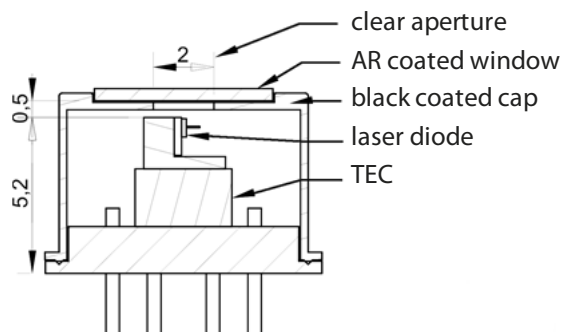
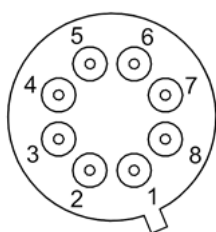
nanoplus provides a wide variety of different packaging options from standard TO 5.6 mm headers to TO 5 headers and Butterfly packages with integrated TEC and thermistor and c-mounts. Customer-specific packaging is also available upon request. nanoplus also offers accessories such as laser sockets and heat sinks.



TO 5 with TEC and NTC



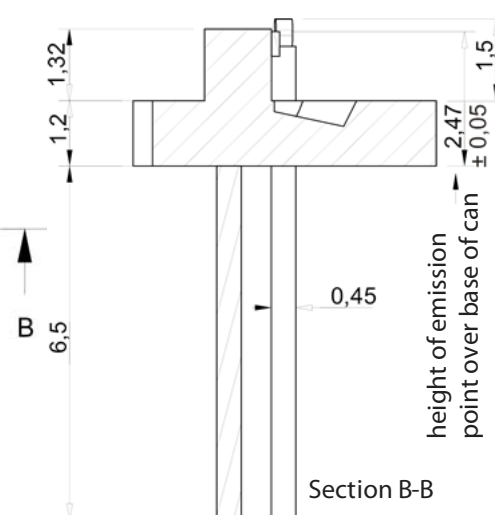
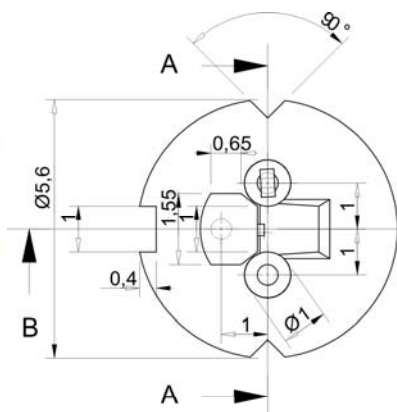
bottom view



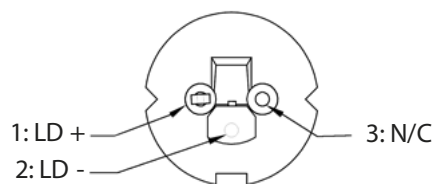
Pin Assignment

- 1: laser anode (+) 5: thermistor
- 2: laser cathode (-) 6: thermistor
- 3: TEC cathode (-) 7: optional: thermistor/PD
- 4: TEC anode (+) 8: optional: thermistor/PD

TO 5.6 mm



Pin Assignment



device protected by
US patent 6.671.306
US patent 6.846.689
EU patent EP0984535

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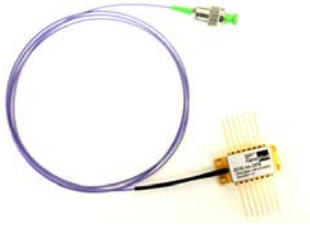
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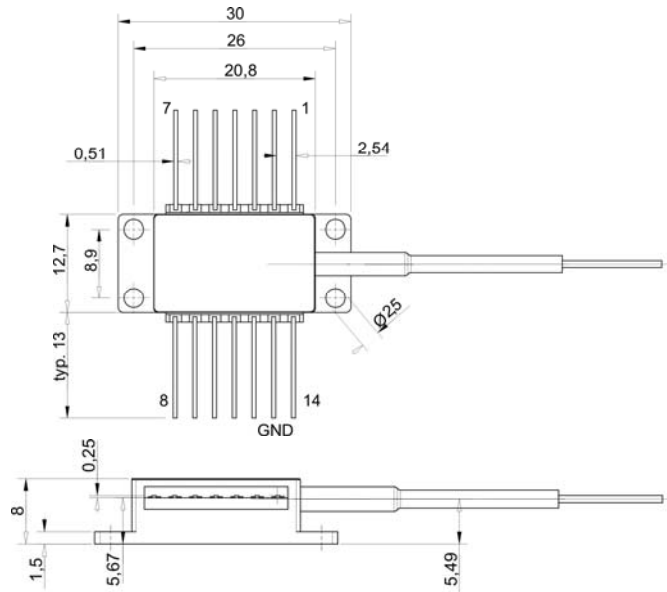
All dimensions are in mm.

14-pin Butterfly Package with SM-fiber

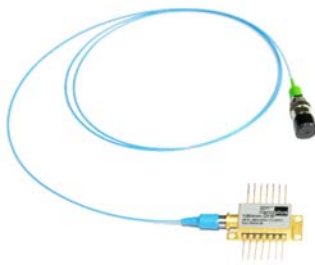


Pin Assignment

- | | |
|------------------|---------------------|
| 1: TEC anode (+) | 14: TEC cathode (-) |
| 2: thermistor | 13: case |
| 3: N/C | 12: N/C |
| 4: N/C | 11: N/C |
| 5: thermistor | 10: LD anode (+) |
| 6: N/C | 9: LD cathode (-) |
| 7: N/C | 8: N/C |

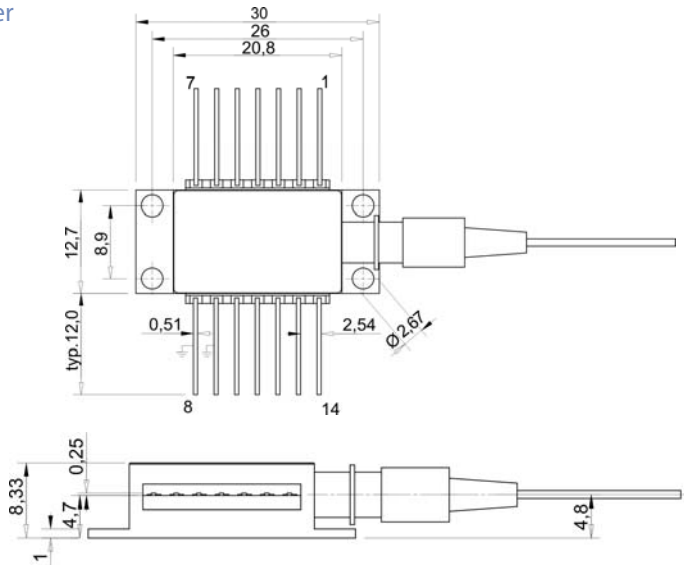


14-pin Butterfly Package with PM-fiber



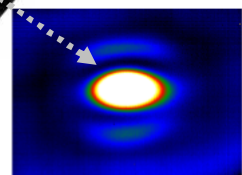
Pin Assignment

- | | |
|--------------------|--------------------|
| 1: thermistor | 14: N/C |
| 2: thermistor | 13: N/C |
| 3: N/C | 12: LD cathode (-) |
| 4: N/C | 11: LD anode (+) |
| 5: N/C | 10: N/C |
| 6: TEC anode (+) | 9: case ground |
| 7: TEC cathode (-) | 8: case ground |



c-mount

Accessories



sockets

cube + collimator



All dimensions are in mm.

We will be happy to answer further questions. Please contact us at sales@nanoplus.com

