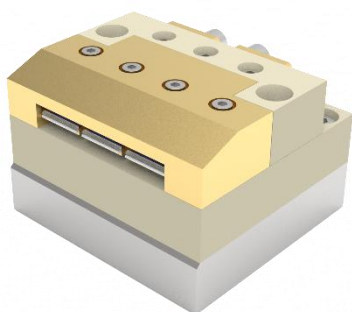




Micro Channel Cooled Horizontal stack

E2Y-940D-600C-HO1.1(3x1)



Features:

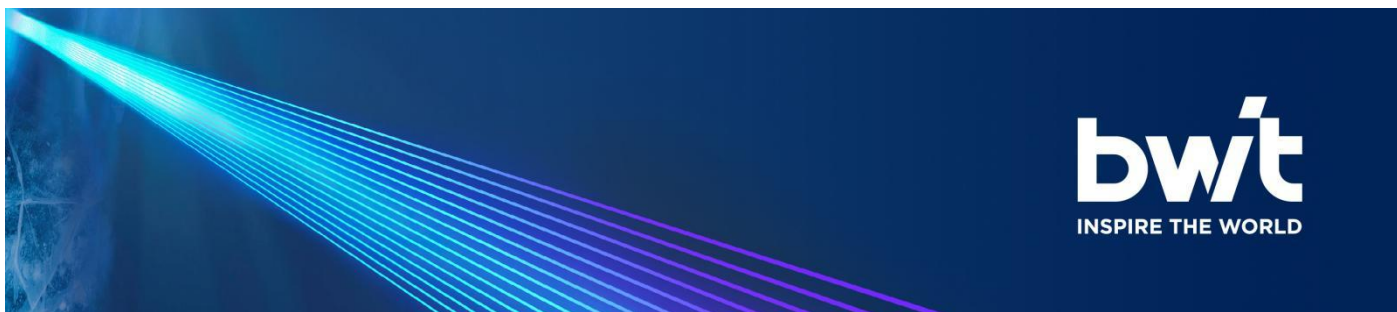
- ♦ 940nm wavelength
- ♦ 600W output power
- ♦ Long life time

Applications:

- ♦ Pumping
- ♦ Scientific Research
- ♦ Material Processing

BWT, founded in 2003, is committed to the mission of "let the dream drive the light", the vision of becoming the "Global leader in laser solutions", and the value of "Outstanding innovation", providing diode laser, fiber laser, ultra-fast laser products and solutions to global customers.

BWT pursues continuous innovation and insists on autonomous and controllable advanced process and technology. With Beijing headquarters as the core, BWT has successively established production and R&D centers in Jiangsu, and Shenzhen, and Invested in the construction of an automated and intelligent production base in Tianjin. To build a high level of technical strength and product quality, BWT set up a German subsidiary in 2020, and taking a solid step for the internationalization of R&D, production and technological innovation.



Micro Channel Cooled Horizontal stack

E2Y-940D-600C-HO1.1(3x1)

| Specifications | | Unit | E2Y-940D-600C-HO1.1(3x1) | | |
|--------------------------------|---|-----------|--|---------|---------|
| | | | Minimum | Typical | Maximum |
| Optical Data ⁽¹⁾ | Working Mode | - | CW | | |
| | Central Wavelength | nm | 937 | 940 | 943 |
| | Wavelength Accuracy | nm | - | ±3 | - |
| | Output Power Per Bar | W/bar | - | 200 | - |
| | Bar Numbers | pcs | - | 3 | - |
| | Bandwidth(FWHM) | nm | - | 3 | 6 |
| | Fast Axis Divergence with FAC (90% power) | mrad | - | 7 | 10 |
| | Slow Axis Divergence (95% power) | deg | - | 7.5 | 9 |
| Electrical Data | Threshold Current | A | - | 23 | 28 |
| | Operating Current | A | - | 215 | 230 |
| | Operating Voltage | V/bar | - | 1.6 | 1.8 |
| | Slope | W/A | - | 3.3 | 3.5 |
| | Efficiency | % | 55 | 60 | - |
| Bar Specification | Emitter Width | μm | 200±5 | | |
| | Emitter Pitch | μm | 400±5 | | |
| | Filling Factor | % | 50 | | |
| Others | Pressure | bar | <5 | | |
| | Flow Rate | L/min/bar | 0.25~0.33 | | |
| | Cooling Water Temperature ⁽³⁾ | °C | 22 | 25 | 28 |
| | Cooling Water Specification | / | Deionized water 2.5±0.5μS/cm,pH-value 5.5-8,filter≤5μm | | |

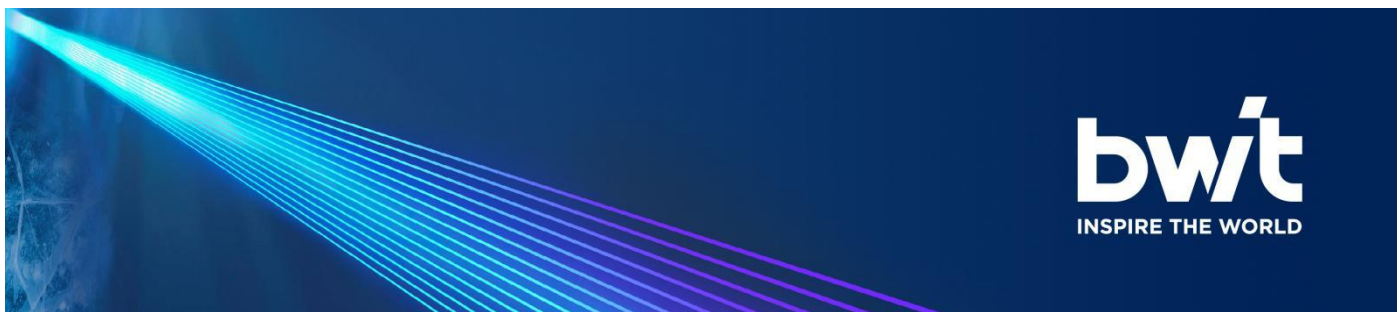
(1) Data measured under operation at nominal output power @25±3°C.

(2) A non-condensing environment is required for operation and storage.

(3) Operating temperature defined by the package case. Acceptable operating range is 22°C~28°C, but performance may vary.

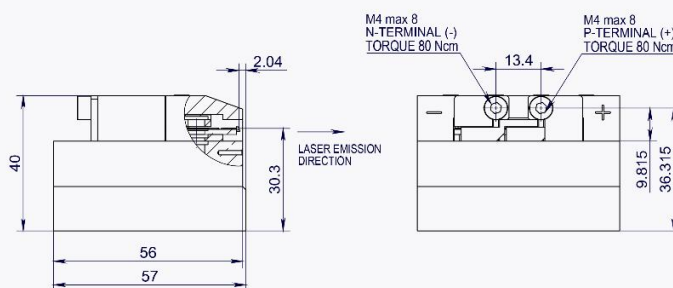
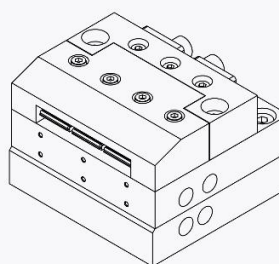
(4) The data above are for reference only. For specific data, please refer to the delivery package data.

(5) Other wavelengths and configurations on customer request.



Micro Channel Cooled Horizontal stack

Package Dimensions (mm)



OPERATING NOTES



Declaration: information and specifications contained herein are deemed to be reliable and accurate. BWT Beijing Ltd. reserves the right to change, alter or modify the design and specifications of these products at any time without notice.