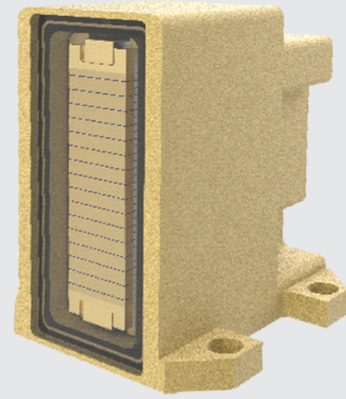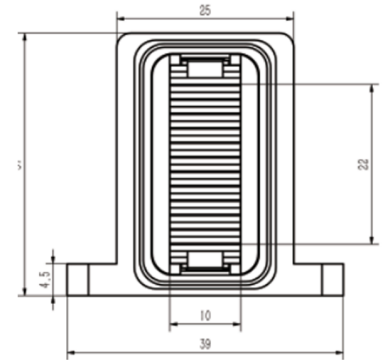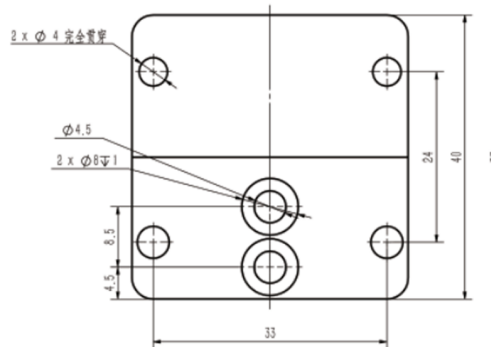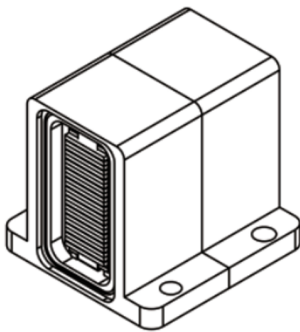# QCW VERTICAL STACKS

Features :

- AuSn packed
- Macro-channel water-cooling structure
- Long pulse width and high duty cycle
- Multi-wavelength combination
- High effciency heat dissipation design
- High power density and brightness output power

Applications :

- Hair Removal
- Pump Solid-state Laser

LM - 808 - Q600 - F - G12 - MA

PARAMETERS	LM-808-Q500 -F-G10-MA	LM-808-Q600 -F-G12-MA
Center Wavelength	808±10nm	
Output Peak Power	500W	600W
Pulse Width	≤400ms	
Duty Cycle	≤40%	
Number of Bars	10	12
Bars Spacing	2mm	
Luminous Area	10mm×18mm	10mm×22mm
Operating Current	≤50A	
Operating Voltage	≤20V	≤24V
Water Cooling Menthod	Macro-channel Water Cooling Method	
Water Cooling Temp.	10℃ ~ 30℃	
Water Flow Quantity	＞4L / min	
Storeage Temp.	- 10℃ ~ 50℃	
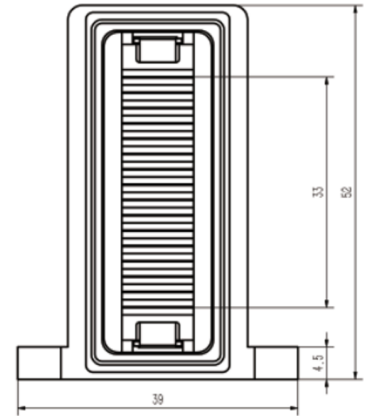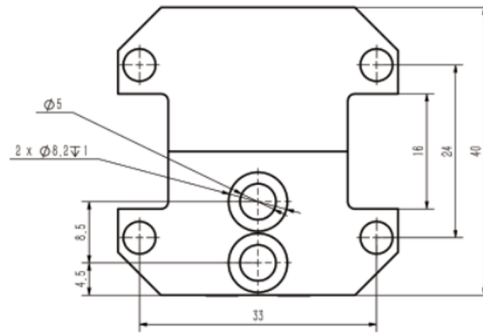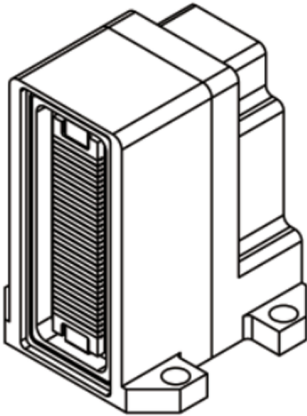
LM - 808 - Q1600 - F - G16 - MA

Technical Data

PARAMETERS	LM-808-Q800 -F-G8-MA	LM-808-Q1000 -F-G10-MA	LM-808-Q1200 -F-G12-MA	LM-808-Q1600 -F-G16-MA
Center Wavelength	808±10nm			
Output Peak Power	800W	1000W	1200W	1600W
Pulse Width	≤200ms			
Duty Cycle	≤20%			
Number of Bars	8	10	12	16
Bars Spacing	3.2mm			
Luminous Area	10mm×22mm	10mm×29mm	10mm×35mm	10mm×33mm
Operating Current	≤50A			
Operating Voltage	≤16V	≤20V	≤24V	≤32V
Water Cooling Menthod	Macro-channel Water Cooling Method			
Water Cooling Temp.	10℃ ~ 30℃			
Water Flow Quantity	＞4L / min			
Storeage Temp.	- 10℃ ~ 50℃			

NOTE

1. Specification at around temperature 25 C, at the initial lifetime

2. Single wavelength or multi-wavelength (760~1100nm) can be customized as needed

3. Follow the LumiSpot operating instruction manual.

4. Any other questions, please contact us.

5. Storage and operation in a non-condensing environment is required

   at temperatures below ambient.

! DANGER !
Avoid exposure
of eyes and skin
to direct laser radiation