

QCW HORIZONTAL STACKS

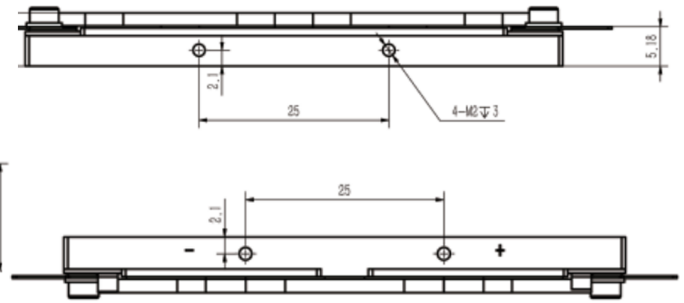
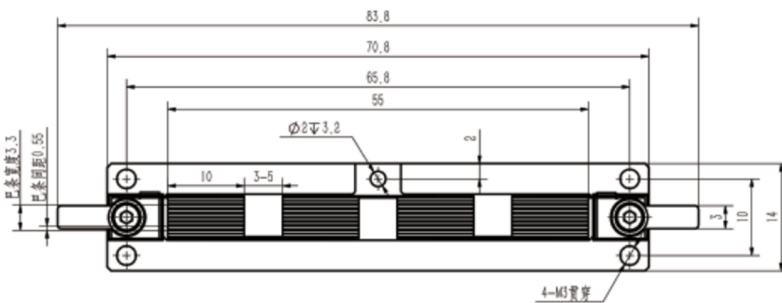
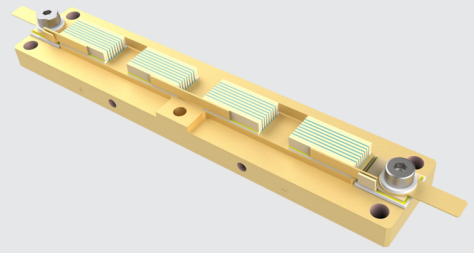
Features :

- AuSn packed
- Spectral width controllable
- High reliability and long service life
- Wide operating temperature range
- Compact structure

Applications :

- Pump source
- Illumination
- Detection
- Research

LM-8XX-Q3600-BG06H3



PARAMETERS

	Minimum	Typical	Maximum
Peak Power	800W	3600W	5400W
Center Wavelength	790nm	808nm	815nm
Center wavelength tolerance	/	± 2 nm	/
Beam Divergence(FWHM)	/	8 \times 36 Deg.	/
Wavelength Shift	/	0.26mm/ $^{\circ}$ C	0.28mm/ $^{\circ}$ C
Pulse Width	/	200 μ s	300 μ s
Duty Cycle	/	0.4%	1%
Operating Current	/	200A	300A
Power Conversion Efficiency	50%	55%	/
Operating Voltage	/	1.8V	2V

Other

Operating Temperature	- 45 $^{\circ}$ C	25 $^{\circ}$ C	70 $^{\circ}$ C
Storage Temperature	- 60 $^{\circ}$ C	25 $^{\circ}$ C	85 $^{\circ}$ C
Number of Bar	3	18	/
Spacing Between Bars	0.43mm	0.55mm	/

NOTE

1. Specification at around temperature 25 $^{\circ}$ C, at the initial lifetime
2. Output power & crystal dimension can be customized as needed
3. Follow the LumiSpot Tech 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.

