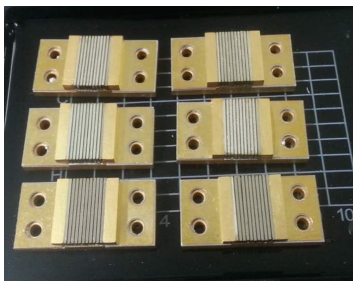
LM-BG-808-QCW2000



Product Features:

- High efficiency
- High reliability
- Long life

Application:

- Pumping source for solid state laser
- Industry
- Military
- Medical treatment
- Material processing

Specifications:

Parameters	Typical Value
Output Peak Power, W	2000
Operation Mode	QCW
Pulse Width, us	<200
Duty Cycle	<2%
Chip Space，um	530
Center Wavelength, nm	808±3
Spectral Width, nm (FWHM)	<4
Wavelength Temperature Coefficient, nm/℃	0.28
Fast Axis Divergence（FWHM）, degree	<35
Slow Axis Divergence（FWHM）, degree	<12
Slope Efficiency, W/A	>10
Threshold Current, A	<25
Operating Current, A	<210
Operating Voltage, V	<20
EO Conversion Efficiency, %	>50
Recommended Operating Temperature, ℃	25
Recommend Operating Temperature Range, ℃	15~35
Storage Temperature Range, ℃	-40~60

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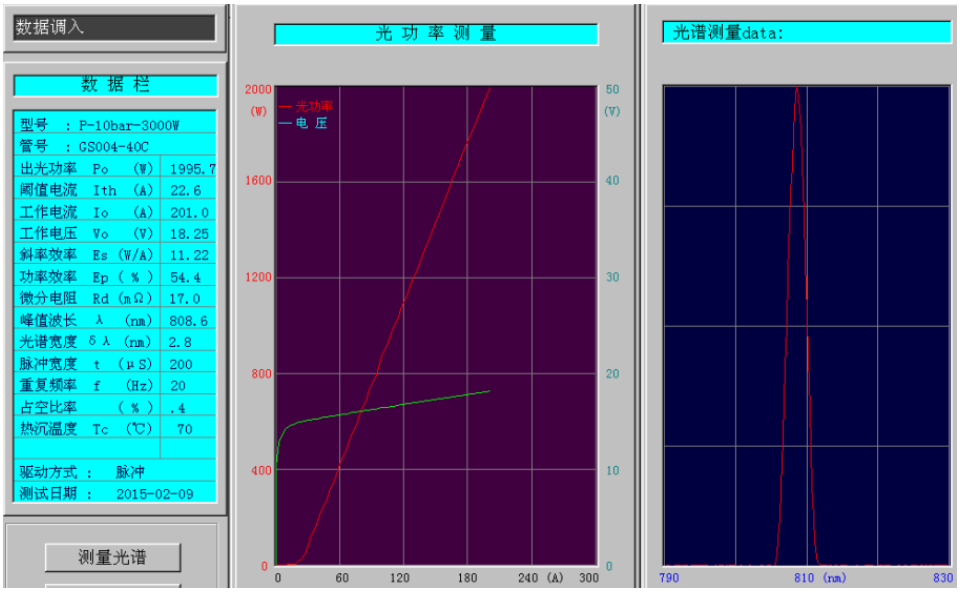
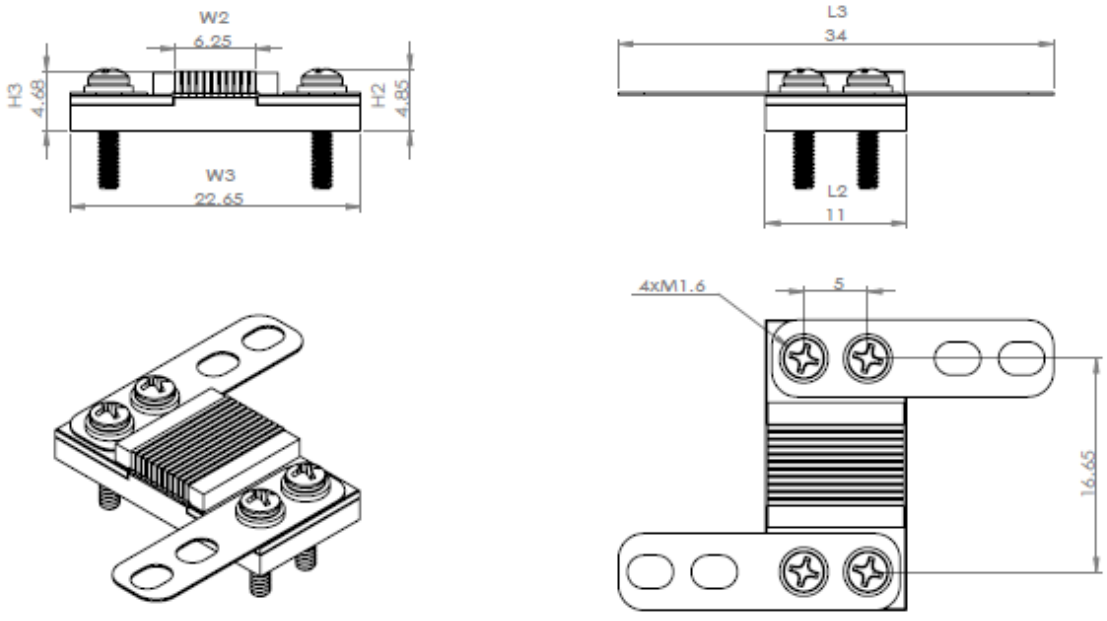
Typical Test Data



Dimensions (mm)



CAUTION:

- The product must not be heavily pressed, hard shocked and water soaked in transportation, storage and assembly in order to avoid the product from damaging.
- Do not expose eye and skin directly to laser radiation.
- Use the product at defined current and power.
- Working environment must be well ventilated.

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