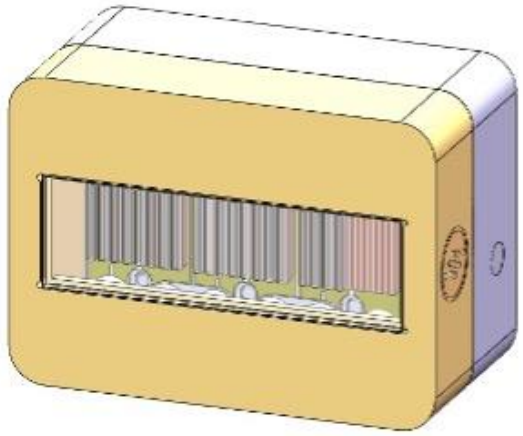
808 nm Macro Channel Vertical Stack

C1Y-808F-3000Q-VH (1-20)



Features:

- 20 bars, 808±10nm wavelength
- 3000W QCW-5ms 20Hz 10%DC
- 3000W QCW-20ms 5Hz 10%DC
- 1200W QCW-100ms 2Hz 20%DC

Main Characters:

- Compact design
- Macro channel cooling
- Glass protection cover

Applications:

- Medical
- Pumping
- Industrial application

Specifications (22℃)	Unit	C1Y-808F-3000Q-VH (1-20)		
Operation Modes		High Peak	Short	Long
Center Wavelength	nm	808±10		
Spectral Width (FWHM)	nm	< 10		
Number of bars	pcs	20		
Pluse Width	ms	5	20	100
Frequency	Hz	20	5	2
Duty Cycle	%	10	10	20
QCW Output Power	W	3000	3000	1500
Pulse Power per bar	W	150	150	75
Average Power	W	300	300	300
Max. Operating Current	A	160	160	95
Typical Operating Current	A	140	140	85
Typical Threshold Current (Max)	A	15	15	15
Typical Slop	W/A	24	24	21.8
Typical Operating Voltage (Max)	V	38	38	37
Expected Lifetime (20% Power Drop EOL)	Mshots	30	15	15
Fast Axis Divergence with FAC (95% power)	degree	12		
Slow Axis Divergence (95% power)	degree	12		
Flow Rate	l/min	2.4±0.1		
Cooling Water Temperature	℃	18~25		
Maximum Inlet Pressure	kPa	400		
Maximum Pressure Drop	kPa	100		
Water Connection		O-Ring 6x1 EPDM 70 shore		
Mechanical Fixture		M2.5 screws, torque 0.45Nm		
Water Quality		Industrial grade, anti-freeze possible particle filter<100um (not included)		
Cooling System		Do not use any material in direct contact that in combination with copper would form galvanic elements (e.g. aluminum, zinc, brass)		
Operation Conditions		Non-condensing atmosphere, particle free ambiance conditions according to clean room class ISO7		

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Package Dimensions (mm)