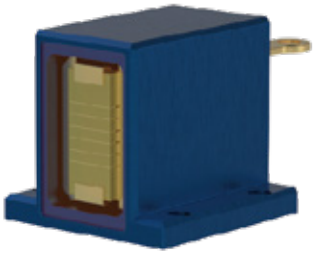
EB–BCC–V#–100Q–####–0808–10



	Unit	Min	Typ	Max
Optical				
Center Wavelength	nm	798	808	818
Wavelength Tolerance	nm		±10	
BarOutput Power/Bar	W		100	
Number of Bars	#		4 - 1 0	
Total Output Power	W		100x#	
Bar-to-Bar Spacing	nm		1.8~3.5	
Spectral Width (FWHM)	nm			10.0
Pulse Width	ms		20-400	
Repetition Rate	Hz		1-10	
Fast-axis Divergence(FWHM)	Deg		65	
Slow-axis Divergence(FWHM)	Deg		10	
Wavelength Temperature Coefficient	nm/°C		0.28	
Eletrical				
Power Conversion Efficiency	%	48	50	
Slope Efficiency/Bar	W/A		1.1/bar	
Threshold Current	A		30	
Operating Current	A		105	
Operating Voltage/Bar	V		2/bar	
Thermal				
Fluid Flow Rate	#	3		
Operating Temperature	°C		25	
Storage Temperature	°C		-40~85	

Remarks

1.Explanation of Item Number: EB (Everbright In Short) – BCC (Macro–Channel Cooled Package)—V # (Number of bars per stack) –100 (QCW Output Power is 100W/bar) – ### (Total Output Power) – 0808 (Center Wavelength) –10(Wave–length Tolerance)

2.Above Data Test at 25℃, Unless otherwise stated.

3.Please avoid operation and storage in the condensation enviroment. If exceed operating temperature, the device life–time will be inpacted.

4. Lifetime reduced if exceed nominal output power.

Application Area

- R&D
- Biomedical
- Industrial Pump

Product Features

- Cost Effective
- High Reliability
- High Efficiency
- Long Lifetime

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