

EB-QCP-V#-###Q-####Q-0808-02



	Unit	Min	Typ	Max
Optical				
Center Wavelength	nm	806	808	810
Wavelength Tolerance	nm		±2	
BarOutput Power/Bar	W		200~500	
Number of Bars	#		2 ~ 8	
Total Output Power	W		200~500x#	
Bar-to-Bar Spacing	nm		0.4 ~ 1.8	
Spectral Width (FWHM)	nm			4
Pulse Width	μs		200	
Repetition Rate	Hz		25	
Fast-axis Divergence(FWHM)	Deg		65	
Slow-axis Divergence(FWHM)	Deg		10	
Wavelength Temperature Coefficient	nm/°C		0.28	
Electrical				
Power Conversion Efficiency	%	48	50	
Slope Efficiency/Bar	W/A		1.15/bar	
Threshold Current	A		25	
Operating Current	A		200~450	
Operating Voltage/Bar	V		2/bar	
Thermal				
Water Type	-		Pure Water	
Operating Temperature	°C		25~65	
Storage Temperature	°C		-40~80	

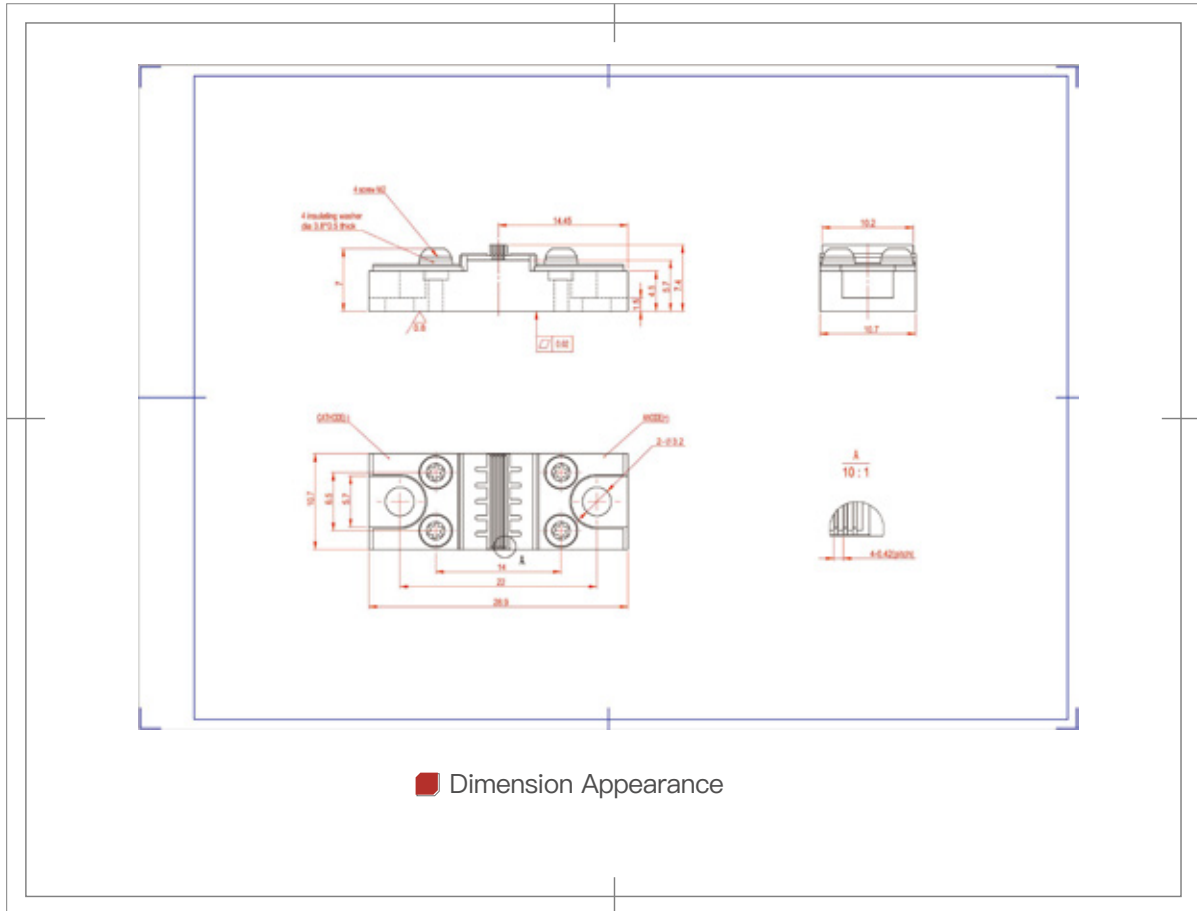
Remarks

1.Explanation of Item Number: EB (Everbright In Short) - QCP (Conduction-Cooled Package)-V # (Number of bars per stack) - ###Q (QCW Output Power is ###W/bar) - ####Q (Total QCW Output Power) - 0808 (Center Wavelength) -02(Wavelength Tolerance)

2.Above Data Test at 25°C, Unless otherwise stated.

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

4. Lifetime reduced if exceed nominal output power.



Application Area



R&D



Biomedical



Industrial Pump

Product Features



Cost Effective



High Reliability



Ausn Hard Solder



High Efficiency



Long Lifetime



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