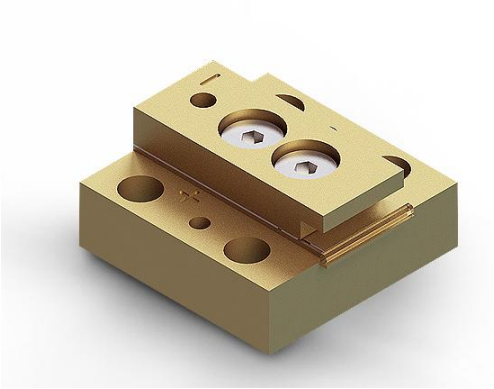
Conduction Cooled Single Bar Product

M10Y-808C-80C



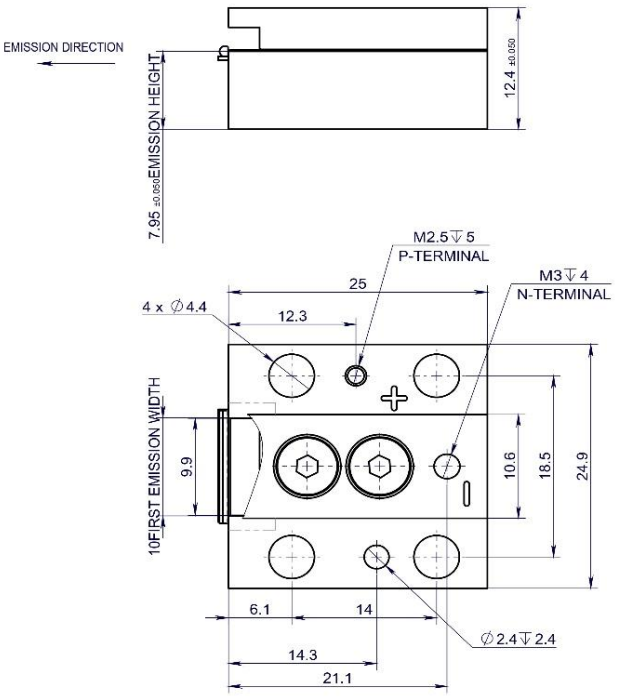
Features:

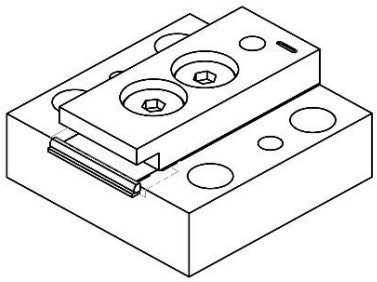
- Low Smile
- High reliability

Applications:

- Pumping
- Scientific research

Package Dimensions (mm)





OPERATING NOTES

- Please follow the standard safety procedures for IEC Class 4 lasers, Avoid eye and skin exposure to direct radiation during operation.
- ESD precautions must be taken during storage, transportation and operation.
- Short-circuit is required between pins during storage and transportation.
- Use constant current power supply to avoid surge current during operation.
- Laser diode must be used according to the specifications.
- Laser diode must work with good cooling.

Conduction Cooled Single Bar Product

M10Y-808C-80C

Specifications (25℃)		Unit	M10Y-808C-80C		
			Minimum	Typical	Maximum
Optical Data(1)	CW Output Power	W	80	-	-
	Center Wavelength	nm	808±3		
	Spectral Width(FWHM)	nm	-	3	6
	Wavelength Shift with Temperature	nm/℃		0.28	
	Fast Axis Divergence(95% Energy)	deg		6	8
	Slow Axis Divergence(95% Energy)	deg		7	12
	Polarization Mode	-	TE		
Electrical Data	Electrical-to-Optical Efficiency	%		50	-
	Threshold Current	A	-	17	
	Operating Current	A	-	85	90
	Operating Voltage	V	-	-	2.1
	Slope Efficiency	W/A	-	0.9	-
Others	Operating Temperature	℃	-	25	-
	Storage Temperature	℃	-20		55
	Recommended Heatsink Capacity	W	120		

(1) Data measured under operation at nominal output power @25℃.

(2) A non-condensing environment is required for operation and storage.

(3) Operating temperature defined by the package case. Acceptable operating range is 20℃~30℃,but performance may vary.

(4) The data above are for reference only. For specific data, please refer to the delivery package data.

(5) Other wavelengths and configurations on customer request.

Declaration : information and specifications contained herein are deemed to be reliable and accurate. Hyperline reserves the right to change, alter or modify the design and specifications of these products at any time without notice.26-09