

Micro-Channel Water Cooled Vertical Stack Diode Laser HVS85



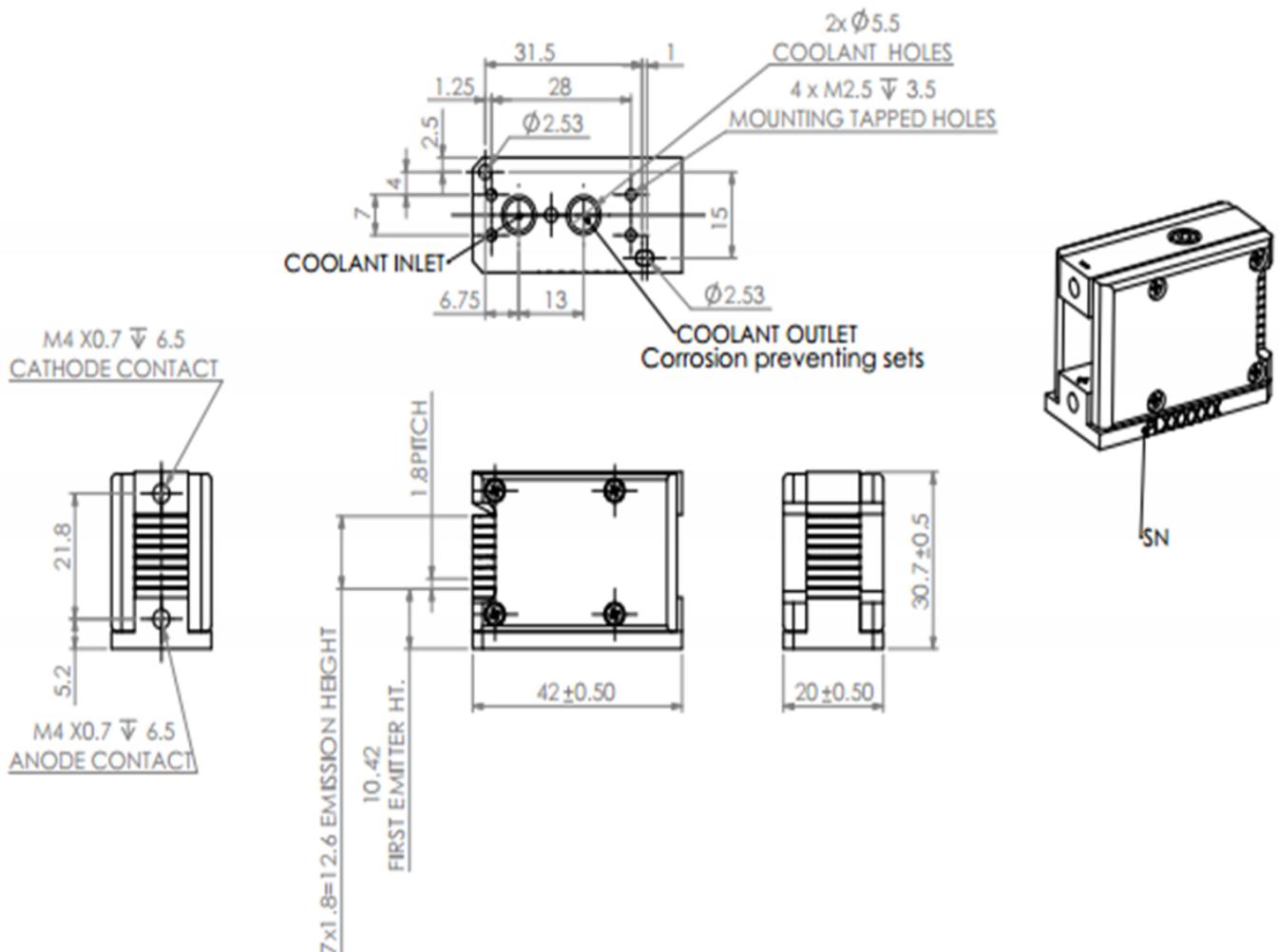
Features

- AuSn bonding
- High power
- Long life

Applications

- Hair removal

Product Dimensions (mm)



Remark: The structure drawing is for reference only. Please feel free to contact us for any special requirements.

Product Specifications

Product Code	HAR000067 ²
Part No. ¹	FL-HVS85-8×1-800-6×808&2×1060

Optical Data ³	Unit	Value
Centroid Wavelength	nm	808 & 1060
Output Power ⁴	W	800
Number of bars	#	6×808 & 2×1060
Polarization Mode	-	TE

Electrical Data ³		
Operation Current	A	≤ 110
Threshold Current	A	≤ 25
Operating Voltage	V	≤ 2
Slope Efficiency	W/A	≥ 1.1
Power Conversion Efficiency	%	≥ 50

Miscellaneous Data ³		
Operating Temperature ⁵	°C	20 ~ 30
Coolant	-	Deionized water
Flow Rate per bar	L/min	0.2 ~ 0.4
Max Inlet Pressure	kPa	380
Conductivity	μs/cm	≤ 5

¹Part No. = Brand Code - Series - Num. of bars- Power - Centroid Wavelength.

²Typical customization of products.

³Data at 25°C unless otherwise stated.

⁴Reduced lifetime if used above nominal operating conditions.

⁵A non-condensing environment is required for storage and operation below ambient dew level.

