

Micro-Channel Water Cooled Vertical Stack Diode Laser HVS84



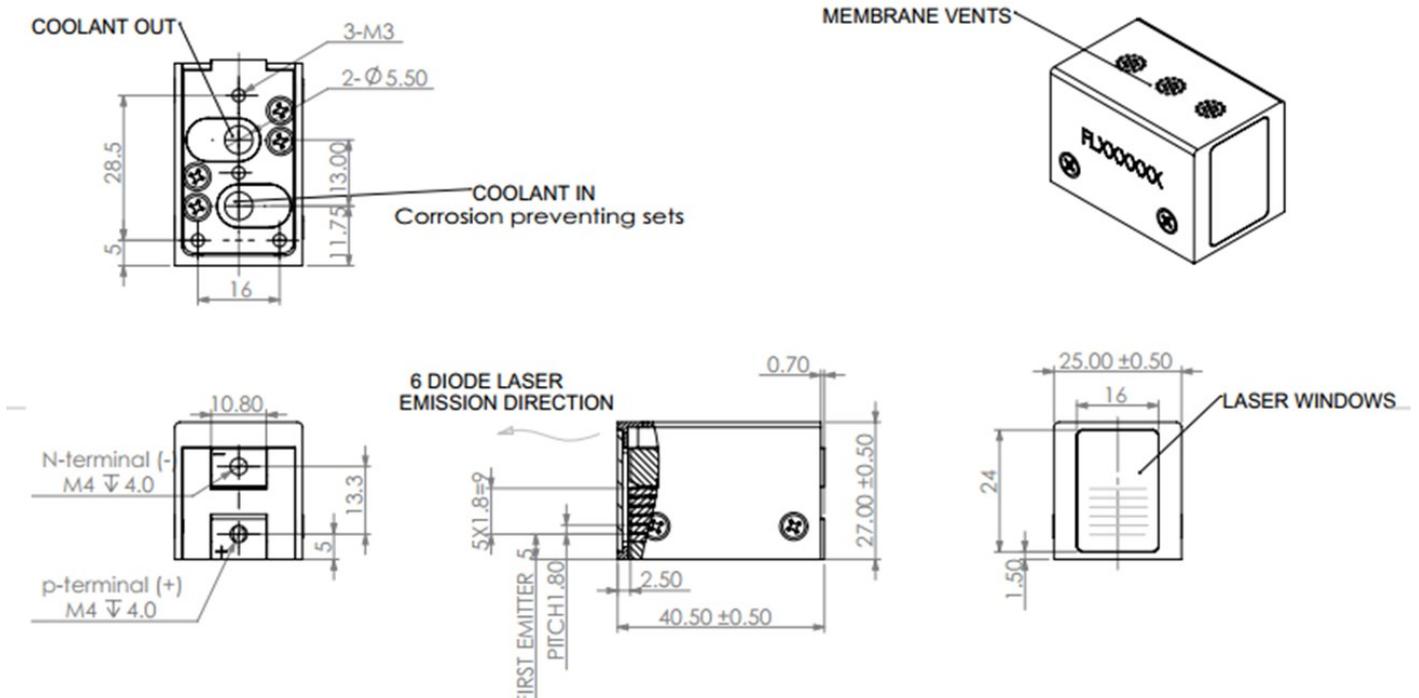
Features

- 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 HAR000050
Part No. ¹ FL-HVS84-6×1-360-2×755-2×808-2×1064

Optical Data ²	Unit	Value
Centroid Wavelength	nm	755 & 808 & 1064
Output Power ³	W	360
Number of bars	#	2×755 & 2×808 & 2×1064
Polarization Mode	-	TE

Electrical Data ²		
Operation Current	A	≤ 75
Threshold Current	A	≤ 25
Operating Voltage	V	≤ 2
Slope Efficiency	W/A	≥ 1.1
Power Conversion Efficiency	%	≥ 45

Miscellaneous Data ²		
Operating Temperature ⁴	°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

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

² Data at 25°C unless otherwise stated.

³ Reduced lifetime if used above nominal operating conditions.

⁴ A non-condensing environment is required for storage and operation below ambient dew level.

