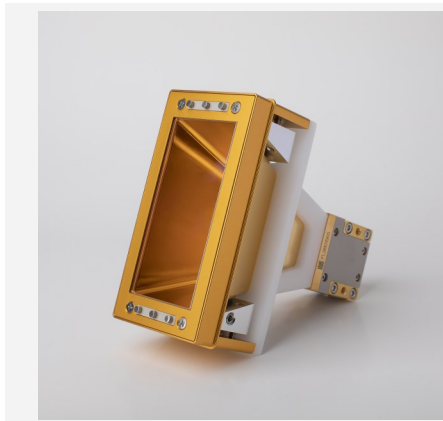


Laser Fat Reduction Module

FR02



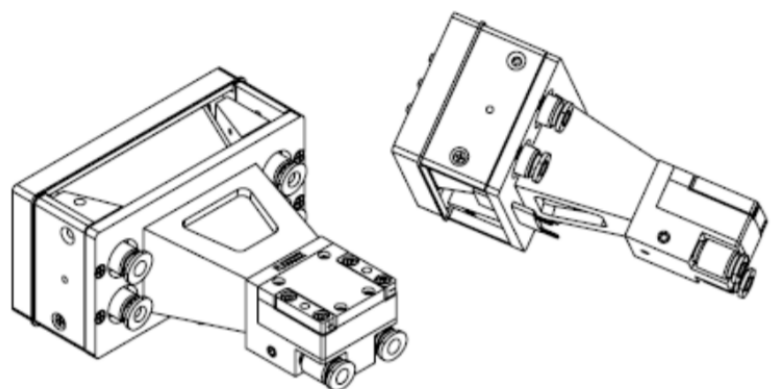
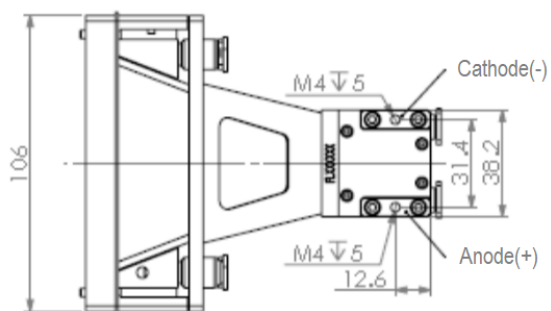
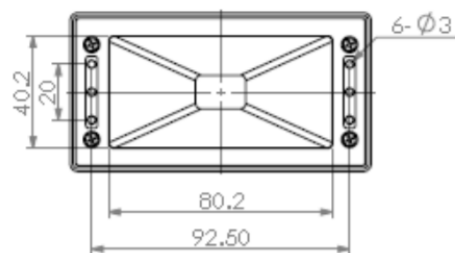
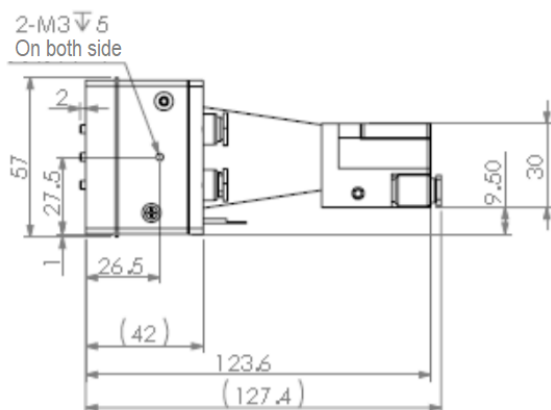
Features

- Integrated module
- Strong TEC cooling
- 40×80mm Large size spot
- Patent product

Applications

- Laser fat reduction

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	FAR000001
Part No. ¹	FL-FR02-50-1064

Optical Data ²	Unit	Value
Output Power ³	W	50
Beam size	mm	40 × 80
Power Density	W/cm ²	1.56
Beam Uniformity	%	> 85
Centroid Wavelength	nm	1060
Wavelength Tolerance	nm	±15

Electrical Data ²		
Operation Current	A	≤ 70
Operating Voltage	V	< 2
TEC Current	A	≤ 15
TEC Voltage	V	≤ 11.2
Threshold Current	A	< 12
Slope Efficiency	W/A	> 0.8

Miscellaneous Data ²		
Recommended Heatsink Capacity	W	≥ 150
Thermistor Rt	-	NTC, R = 10KΩ (25°C), B = 3862K
Operating Temperature ⁴	°C	20 - 30
Storage Temperature ⁴	°C	-25 - 65

¹ Part No. = Brand Code - Series - Power - 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.

