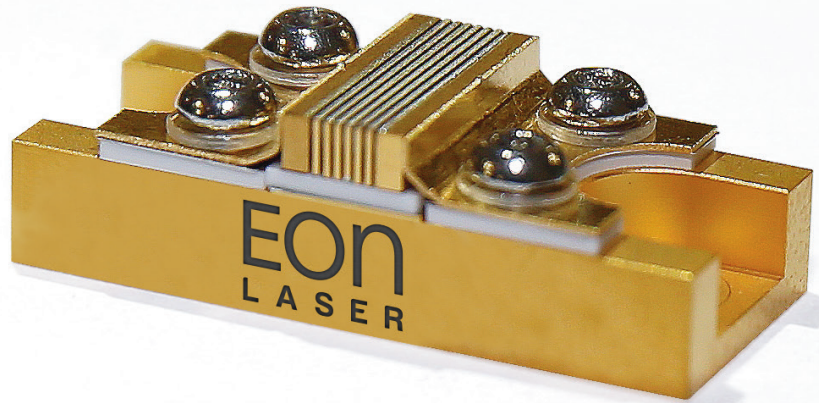


ELD-808-700-xxx High Power Laser Diode Stack Module

EON LASER, Laser Diode Stack Module ELD-808, which is ideal for high-temperature solid-state laser pumping applications with its high efficiency, hard solder packaging technology, high bar alignment precision, and compact design. Thanks to optical output power up to 1400 W it suits for high energy applications.

APPLICATIONS

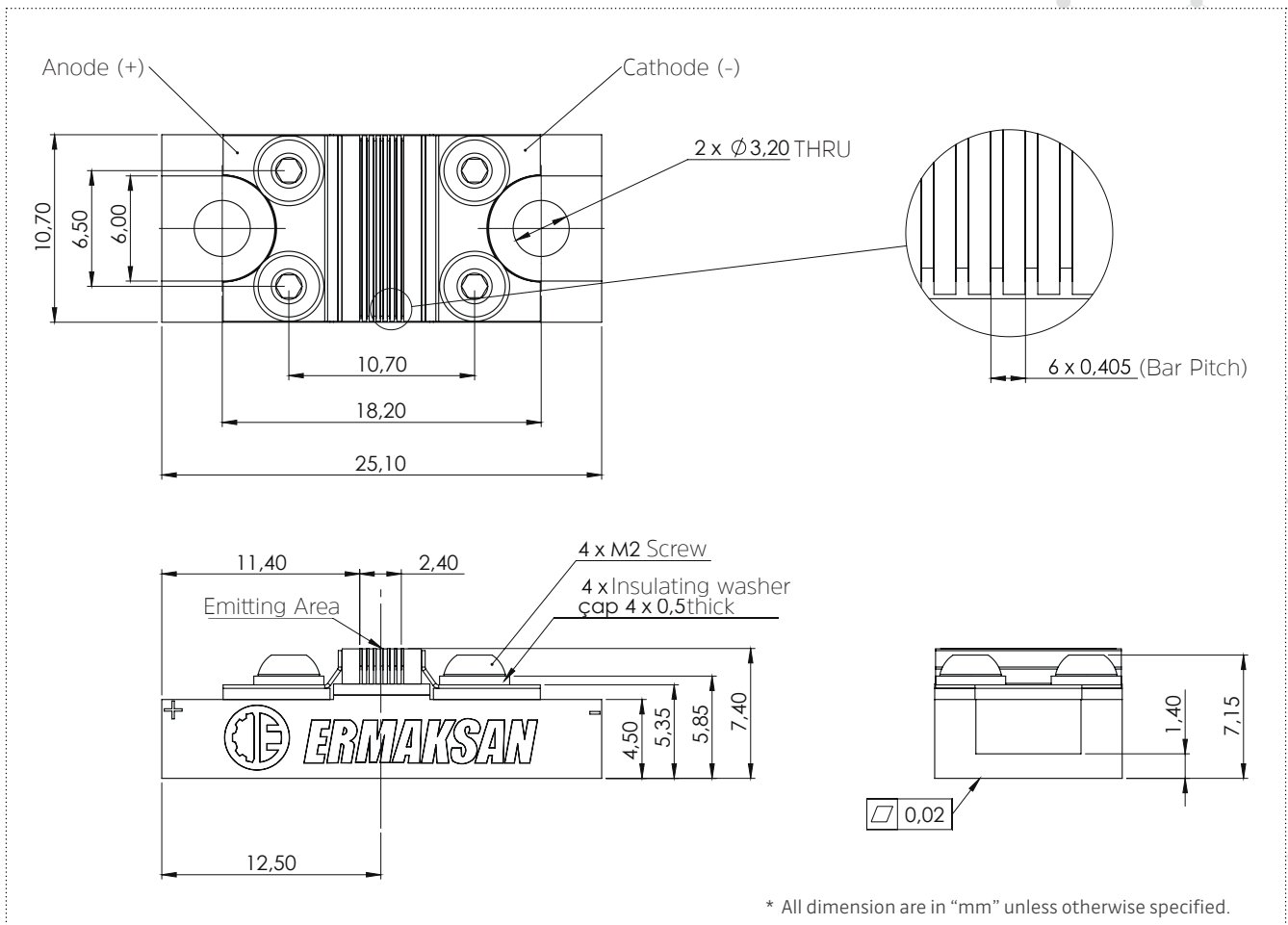
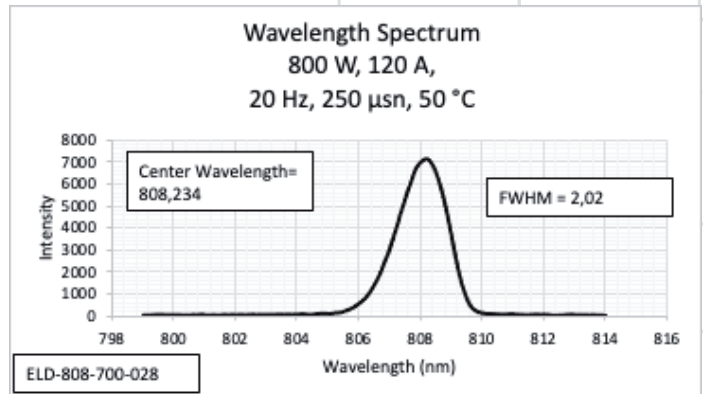
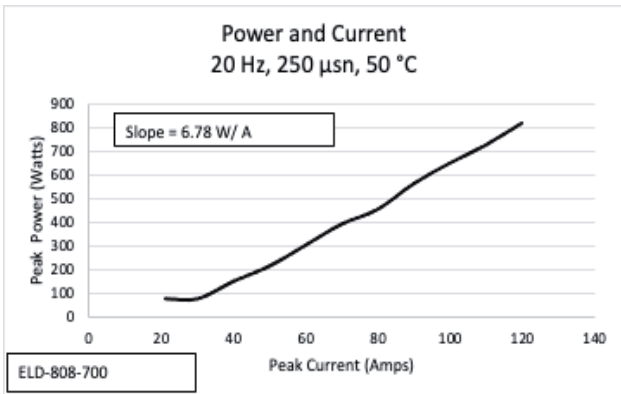
- Designation for guidance systems
- Long distance range finders
- Illumination for night visions
- Surface treatment



SPECIFICATIONS

	Unit	Typical Value
Optical		
QCW Output Power	W	700
Center Wavelength	nm	808
Spectral Width	nm	3
Electrical		
Operating Current	A	120
Operating Voltage	V	13,9
Thresold Current	A	22
Pulse Width	μs	>200
Duty Cycle	%	>0,5
EO Efficiency	%	43
Thermal		
Operating Temperature	°C	50
Storage Temperature	°C	-40 / +85

Optical and Electrical Properties



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