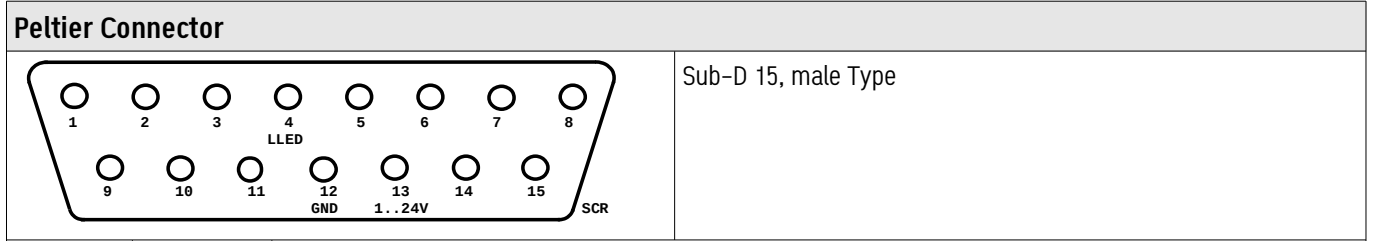


## passive cooling block

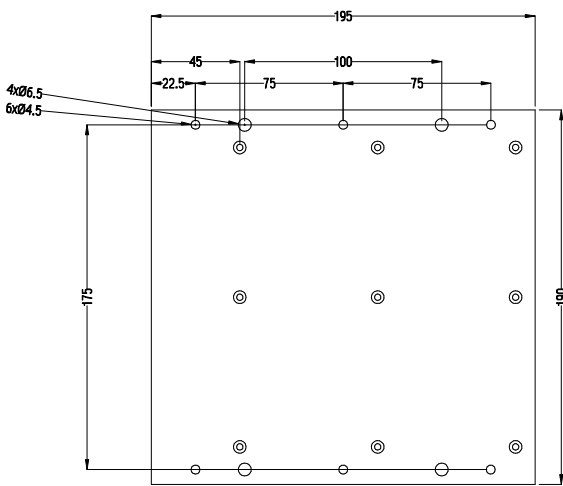
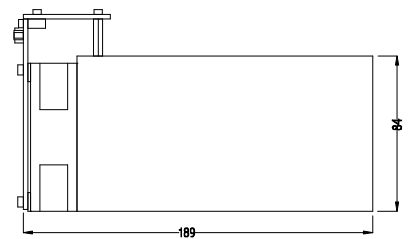
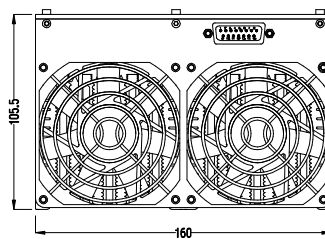
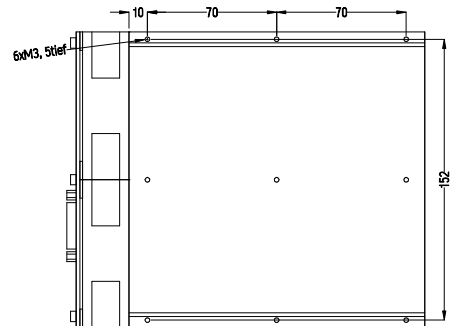
Type: hsp-250-1616-v0-656		
passive cooling block	Total cooling capacity of air cooled block 250W heat resistance: $R(th)=0.059\text{ K/W}$	
PinOut varies with the requirements of driver electronic and cooled device	Cooling block could handle typical power loss of laser diode in conjunction with air temperature:	
direct mounting of diode lasers or other devices to cooling block	Max. temperature of cooling block 35°C	Max. temperature of cooling block 40°C
mounting surface drilled as needed for choosen device	air temperature vs. capacity	air temperature vs. capacity
max. el. fan data: 24V / 14W	20°C - 250W	20°C - 330W
max. noise value: 53dB(A)	25°C - 170W	25°C - 250W
mounting area: 100mm x 140mm	30°C - 90W	30°C - 170W
optional:	base plate for heat sink temperature sensor: 10k NTC	



Abbildung 1: Picture shows a similar device. It may defer due to specific need.



PIN.No	Abbr.	Function
1, 2		
9, 10		
4	LEDA+	LED-Anode (+) ILED ca. 5mA (LEDC- Cathode at Pin GND)
5		
6		
7, 8		
14, 15		
3		
11		
12	GND	Common Ground - n.c. to screen !
13	+24V	1.2V..24V Supply for fan (ref to GND) adjust with ('GF' or 'GFD' command)



baseplate as an optional feature, 25mm grid for use with optical benches