OEM-JD-635/ 35-40W

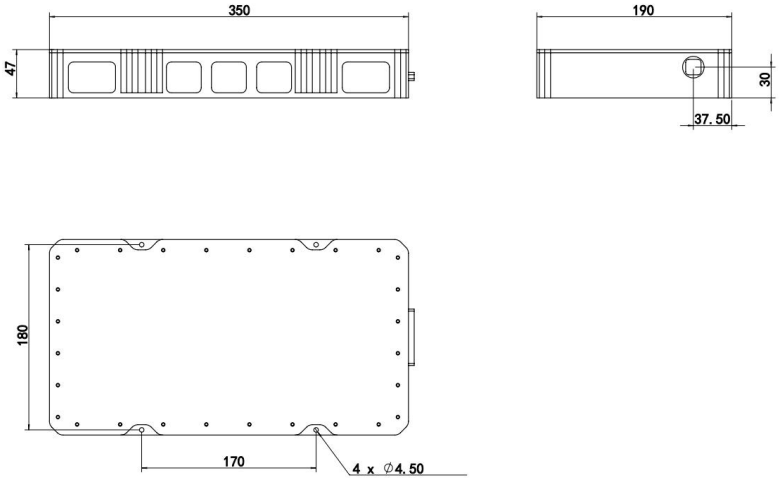
RED DIODE LASER AT 635nm

The 635nm diode laser features an ultra-compact design, a long lifetime, and easy operation. It is also easy to install in customers' equipment.

SPECIFICATIONS

Wavelength (nm)	635±5
Output power (W)	35-40
Beam diameter at the aperture (mm)	9.5*12
Operating mode	CW
Beam divergence, full angle (mrad)	~1.8
Power stability (rms, 4 hours±3℃)	<2%, <1%
Cooled method	Air cooled
Warm-up time (minutes)	<5
Beam height from base plate (mm)	30
Operating temperature (℃)	0-30
Power supply (14VDC)	PSU-PNDT-OEM (14V/ 29A)
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL/ Analog optional
Expected lifetime (hours)	>10000

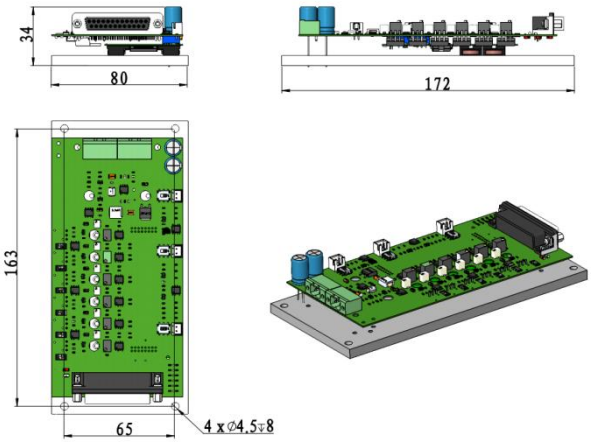
LASER HEAD[1]



355.6 (L)*190 (W)*47 (H) mm³ , 5.9kg

DRIVER (PSU-PNDT-OEM)

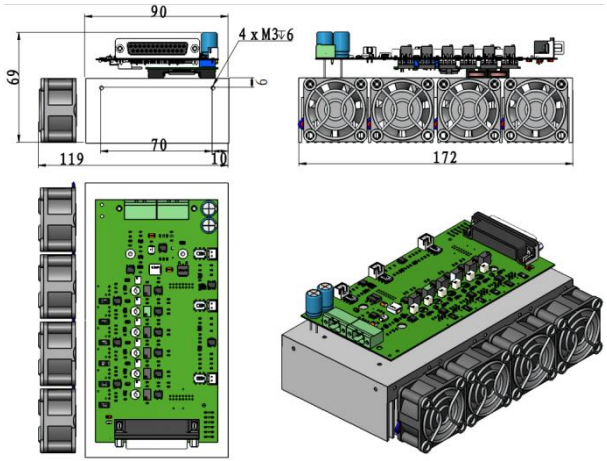
NO HEATSINK



(2 PCS)

172 (L)*80 (W)*34 (H) mm³ , 0.8kg

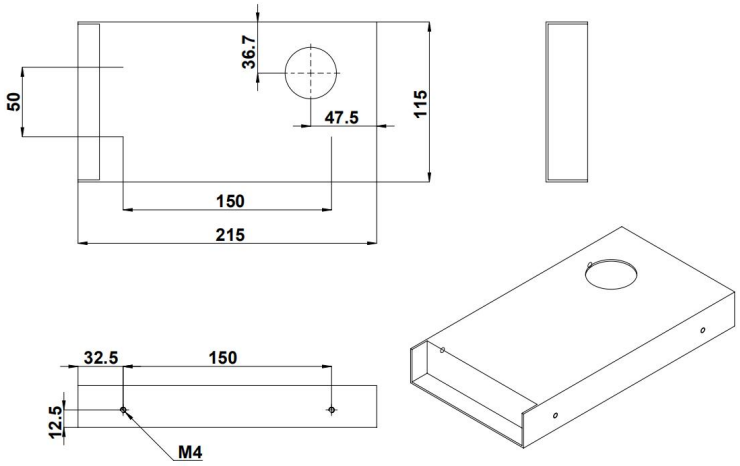
A HEATSINK



(2 PCS)

172 (L)*119 (W)*69 (H) mm³ , 2.2kg

POWER SUPPLY (100/ 240VAC) optional



215 (L)*115 (W)*30 (H) mm³ , 0.9kg

1 The laser head needs to be used on a heat sink with 620W heat dissipation