

1064 nm laser diode

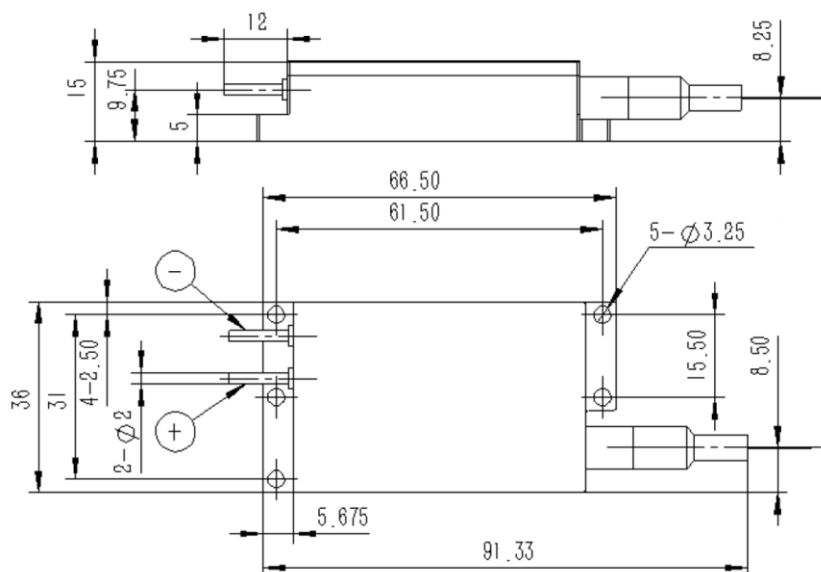
Model 6: 50 W - 105 µm core fiber – 0.22 NA

Reference: 1064LD-6-0-0

Technology: Multi-emitter Multimode

SPECIFICATIONS	Unit	Min	Typ	Maximum
Output Power	W	48	50	-
Center Wavelength	nm	1054	1064	1074
Spectral Width (FWHM)	nm	-	4.0	6.0
Threshold Current	A	-	0.5	0.9
Operating Current	A	-	-	12.0
Operation Voltage	V	-	10	-
Wavelength shift w Temperature	nm/°C	-	0.3	-
Slope Efficiency	W/A	-	4.8	-
Fiber Buffer Diameter	µm	-	250	-
Fiber Clad Diameter	µm	-	125	-
Fiber Core Diameter	µm	-	105	-
Numerical Aperture	NA	-	0.22	-
Storage case temperature	°C	-30	-	70
Operating case temperature	°C	15	25	55
Soldering Temperature	°C	-	-	260
Soldering time	s	-	-	10
Fiber bend radius	mm	37.5	-	-
Dimensions	mm	66.5*36*15		
Fiber connector	SMA			
ROHS Compliant	Yes			
Please solder the pins when the level of current is over 6A.				

Form factor:



Dimensions are in mm.