

Fiber-coupled Laser Diode Module

STC-LDM-638-35

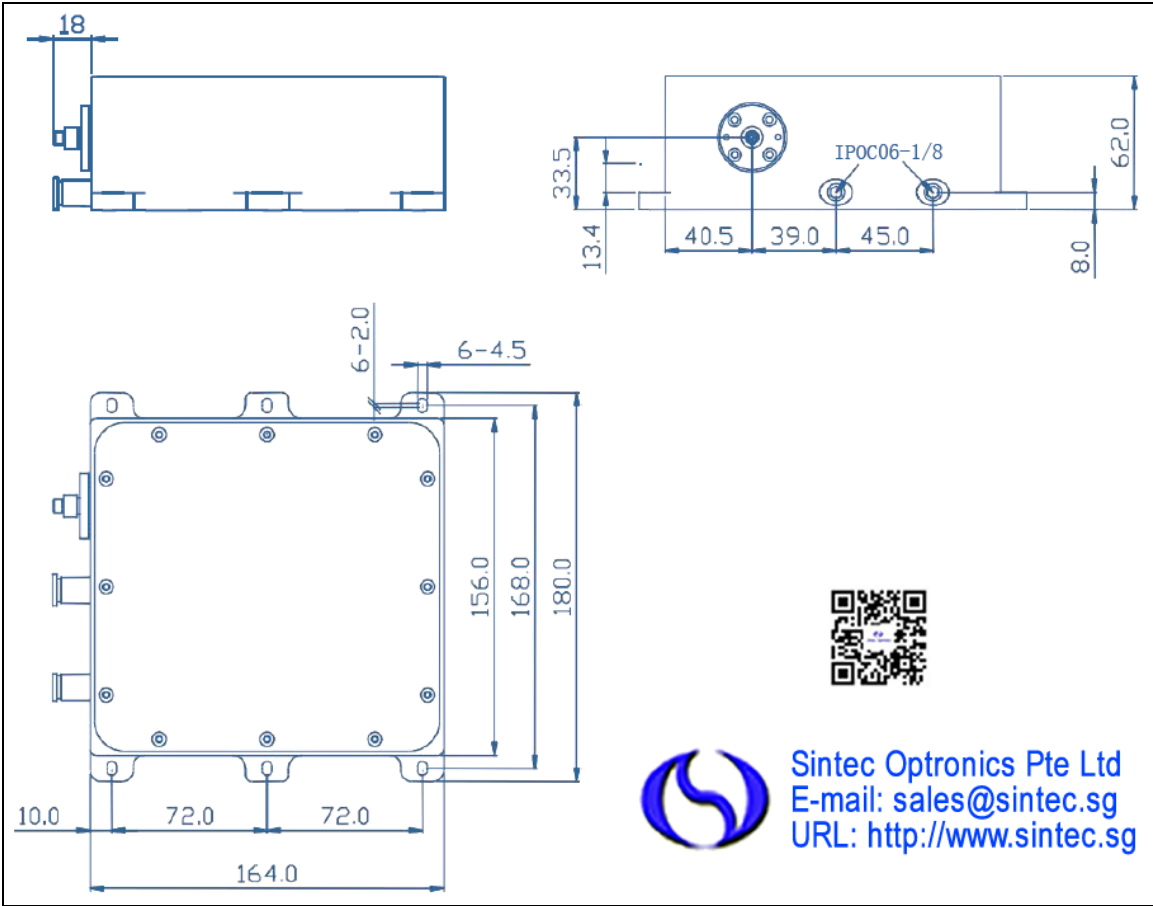
Typical Device Performance (25°C)

Optical	Unit	Typical Value
CW Output Power	W	35
Center Wavelength	nm	638, ±10
Electrical		
Threshold Current	A	0.2
Operating Current	A	0.8
Operating Voltage	V	50
Power supply mode		4 channels
Fiber		
Fiber Core Diameter	μm	800
Fiber Cladding Diameter	μm	880
Fiber Buffer Diameter	μm	1030
Numerical Aperture	-	0.22
Fiber Length	m	1~5

*4groups of LD assembled inside the module, 0.8A current and 50v voltage operating of each group.

Absolute Ratings

	Unit	Min	Max
Operating Temperature	°C	10	40
Operating Relative Humidity	%	-	75
Storage Temperature	°C	-20	80
Storage Relative Humidity	%	-	90
Lead Soldering Temperature, 10 s max	°C	-	250



Sintec Optronics Pte Ltd
E-mail: sales@sintec.sg
URL: <http://www.sintec.sg>