

# UHPOA-1P

## 1 $\mu\text{m}$ Band Ultra High Power PM Optical Amplifier

### Applications

- ▶ LIDAR
- ▶ Industrial / Labs
- ▶ Multiple Laser Combination

### Features

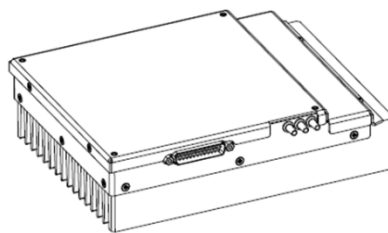
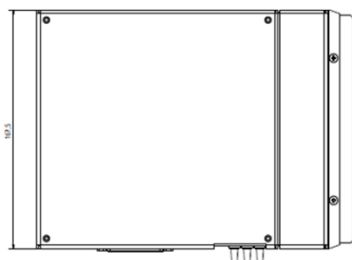
- ▶ High Output Power, up to 10 Watts
- ▶ Low Noise Figure
- ▶ Digital Control System



### Parameter

Parameter		Parameter Range
Wavelength	[nm]	1030 / 1053 / 1064 ... 1100
Output Power	[dBm]	Up to 40
Input Power Range	[dBm]	-8 ... +15
Noise Figure	[dB]	5.5
Polarization		Linear
PER	[dB]	23
Optical Isolation	[dB]	30
Return Loss	[dB]	40
Fiber Termination / Connector		SC/APC, FC/APC, others
Power Supply Voltage	[V]	+24
Power Consumption	[W]	<60
Operating Case Temperature	[°C]	0 ... +70
Communication Interface		RS232

### Mechanical Dimensions



### Ordering Information

Custom variants are available upon request, please contact our customer service to discuss your specification requirements.

Evaluation board available on request



Specifications are subject to change without notice