

DATA SHEET

SUPER MINI EDFA MODULE

DESCRIPTION

The Super Mini EDFA is a super compact gain module that supports APC/ACC working mode, can monitor and adjust the output optical power in real time, and can support real-time output LOS alarm and pump protection.



KEY FEATURES

Ultra compact size

Uncooled pump laser module

Extremely Low Power consumption

APPLICATIONS

Ultra small package

2.5/10/40/100G channel amplification

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ENVIRONMENTAL SPECIFICATIONS

| Parameter | Min. | Typ. | Max. | Unit |
|-----------------------|------|-------|------|------|
| Operation Temperature | 0 | 25 | +70 | °C |
| Storage Temperature | -40 | ----- | +85 | °C |
| Operation Humidity* | 5 | ----- | 85 | % |
| Storage Humidity | 5 | ----- | 85 | % |

(*) not condensing

OPERATING SPECIFICATIONS

| Parameter | Min. | Typ. | Max. | Unit |
|-------------------|------|------|------|------|
| Supply Voltage | 3.15 | 3.3 | 3.46 | V |
| Power Dissipation | | | 0.75 | W |

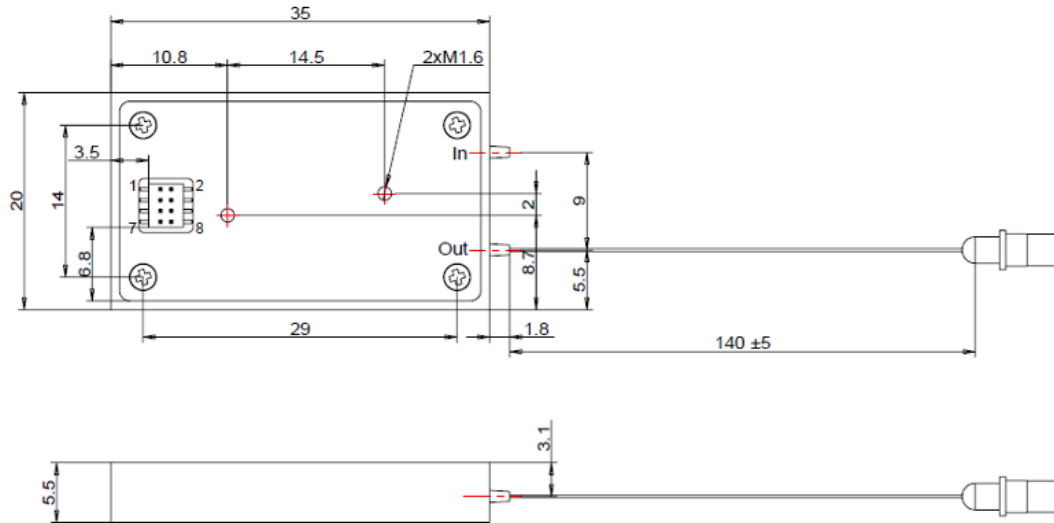
OPTICAL SPECIFICATIONS

| Parameter | Min. | Typ. | Max. | Unit |
|-------------------------------|------|------|------|------|
| Wavelength | 1528 | 1550 | 1568 | nm |
| Input Power | -19 | | -5 | dBm |
| Output Power | 0 | | 5 | dBm |
| Output Power Variation | -0.1 | | 0.1 | dB |
| Noise Figure | | 5.5 | 6 | dB |
| Isolation @ Input/Output Port | 20 | | | dB |
| Return Loss | 40 | | | dB |
| PMD | | | 0.5 | ps |
| PDG | | | 0.3 | dB |

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DIMENSIONS



ORDERING INFORMATION

| Jabil Part Number | Package | Gain | Output Power | Other Info |
|------------------------|---------|-------|--------------|------------|
| JP-EDFA-SUPERMINI-2405 | module | 24 dB | 5dBm | |

CONTACT INFORMATION

For additional information and evaluation samples order, please contact:

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