# High Power 14-Pin DFB Butterfly Fiber Module



#### Part Number: 14BF-452

High Power 14-Pin DFB Butterfly Fiber Coupled Module Single-Mode DFB Wavelength at 1310nm



#### **Features**

- High Output Power
- High Efficiency
- Polarization Maintenance Fiber
- Isolator Included

### **Application**

- LIDAR
- Free Space Communications
- Optical Fiber Communications
- Network Test Equipment



SemiNex delivers the highest available power at infrared wavelengths between 12xx and 19xx nm. When necessary, we will further optimize the design of our InP & GaSb laser chips to meet our customers' specific optical and electrical performance needs. Diodes, bars and packages are tested to meet customer and market performance demands. Typical results and packaging options are shown. Contact SemiNex for additional details or to discuss your specific requirements.

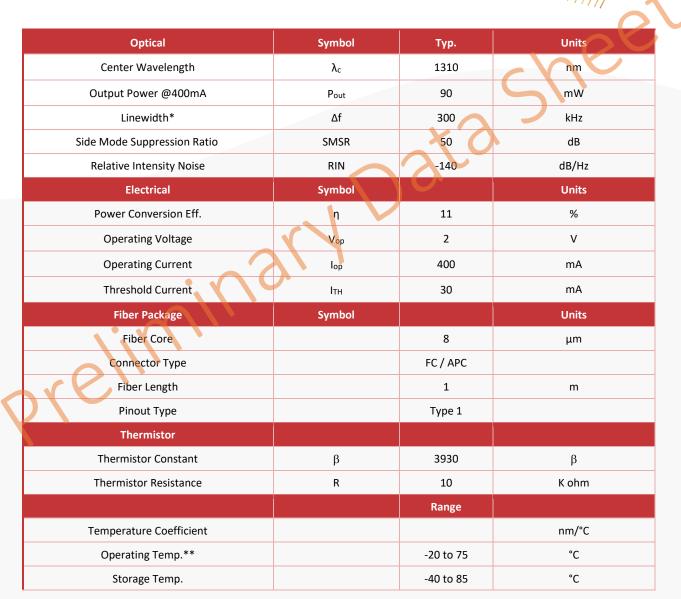
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### Specification

#### 14BF-452



\*Linewidth target specified by customer.

Specified values are rated at a constant heat sink temperature of 20°C.

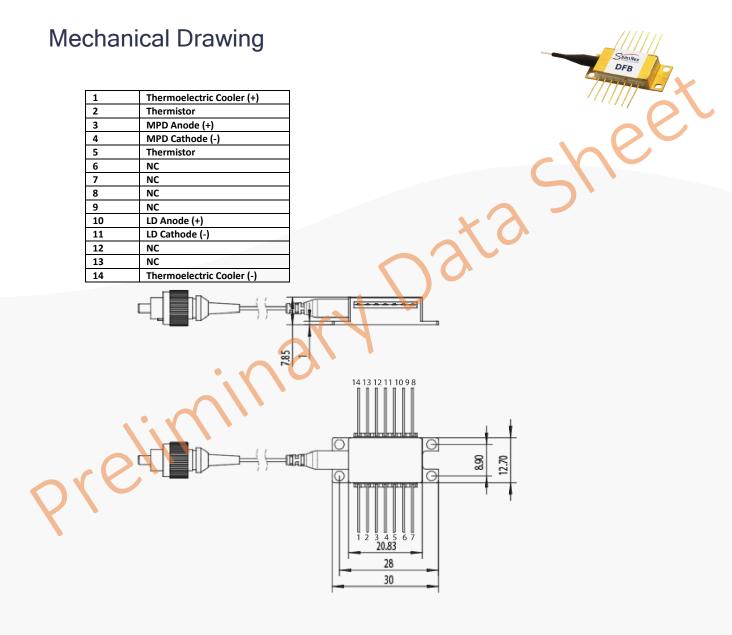
\*\*High temperature operation will reduce performance and MTTF.

Unless otherwise indicated all values are nominal.

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