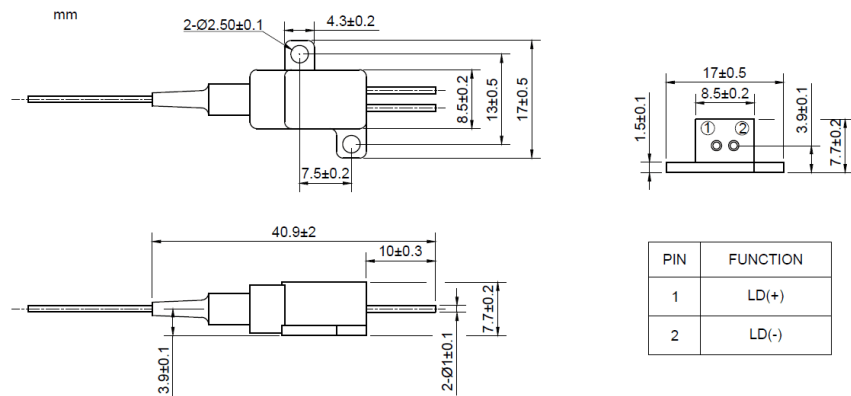


**976nm~980nm 10W Fiber Coupled Laser Diode Module | Medical Cure**  
**976nm 10W Pigtailed Diode Laser | 2-Pin Package| 105um 200um Fiber optional | High Power LD**  
**WSLX-980-010-M-H2**

| PARAMETER   | SYMBOL    | VALUE  | UNIT        |
|---|-----------|--|-------------|
| Reverse Voltage   | $V_r$     | 2.0  | V           |
| Operating Temperature   | $T_{op}$  | +10~+30  | °C          |
| Storage Temperature   | $T_{stg}$ | -20 ~+80   | °C          |
| Lead soldering temperature (10 sec.)  | $T_{is}$  | 260  | °C          |
| <b>Features:</b>  |           |  |             |
| <ul style="list-style-type: none"> <li>🔍 976nm</li> <li>🔍 10W Output Power</li> <li>🔍 2-Pin Package</li> <li>🔍 Long Lifetime</li> <li>🔍 High Stability</li> </ul> |           |  |             |
| <b>Applications:</b>  |           |  |             |
| <ul style="list-style-type: none"> <li>🔍 Medical Laser Treatment</li> <li>🔍 Night Vision</li> <li>🔍 Others</li> </ul>   |           |  |             |
| <b>Specifications</b>   |           | <b>WSLX-980-010-M-H2</b>   |             |
|   |           | <b>Min</b>   | <b>Type</b> |
|   |           |  | <b>Max</b>  |
| Center Wavelength@25°C  |           | 976nm±15nm   |             |
| Output Power  |           | ----   | 10W         |
| Spectral Width (FWHM)   |           | ----   | 4nm         |
| Recommended Case Temperature  |           | 25°C   |             |
| Temperature Coefficient of Wavelength   |           |  | 0.3nm / °C  |
| Threshold Current (Typ.)  |           |  | 0.5A        |
| Operating Current (Typ.)  |           |  | 1.0A        |
| Operating Voltage   |           |  | 1.8V        |
| Fiber Core Diameter   |           | 105um (200um optional)   |             |
| Fiber Numerical Aperture  |           | 0.22 N.A.  |             |
| Fiber Length  |           | >80cm  |             |
| Connector Type  |           | SMA905/ST/FC/SC  |             |
| Package Style   |           | 2-Pin  |             |

**2-Pin Package View**



**Electrically shorten LD module and store in non-extreme conditions.  
Suggest using the constant current power supply.**

