



## SLDP-785-20-SM

### ■ Features

785nm  
SM Fiber  
Coaxial or B1 Package  
Built-in PD



### ■ Absolute Maximum Ratings

| Parameter                          | Symbol           | Value     | Unit |
|------------------------------------|------------------|-----------|------|
| Reverse Voltage                    | V <sub>r</sub>   | 2.0       | V    |
| Operating Temperature              | Top              | -10 ~ +60 | °C   |
| Storage Temperature                | T <sub>stg</sub> | -40 ~ +85 | °C   |
| Lead Soldering Temperature (10sec) | T <sub>is</sub>  | 260       | °C   |

### ■ Initial Electrical/Optical Characteristics

| Item                            | Symbol        |
|---------------------------------|---------------|
| Center Wavelength @ 25°C        | 785±5nm       |
| Output Power                    | 20mW          |
| Fiber Type                      | SM Fiber      |
| Fiber Core                      | 5um           |
| Monitor Current                 | 1mA           |
| PD Reverse Voltage              | 30V           |
| Recommend Operating Temperature | 25°C          |
| Fiber Connector                 | FC/SC/SMA905  |
| Fiber Length                    | 80cm          |
| Threshold Current (Typ.)        | 30mA          |
| Operating Current (Typ.)        | 140mA         |
| Operating Voltage               | 2.0V          |
| Package Style                   | Coaxial or B1 |
| Photodiodes                     | Built-in      |

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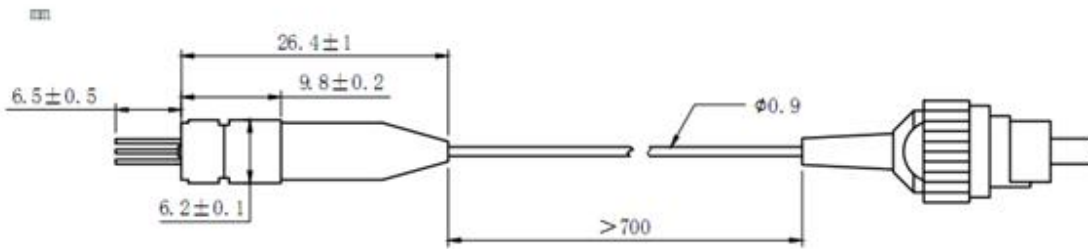
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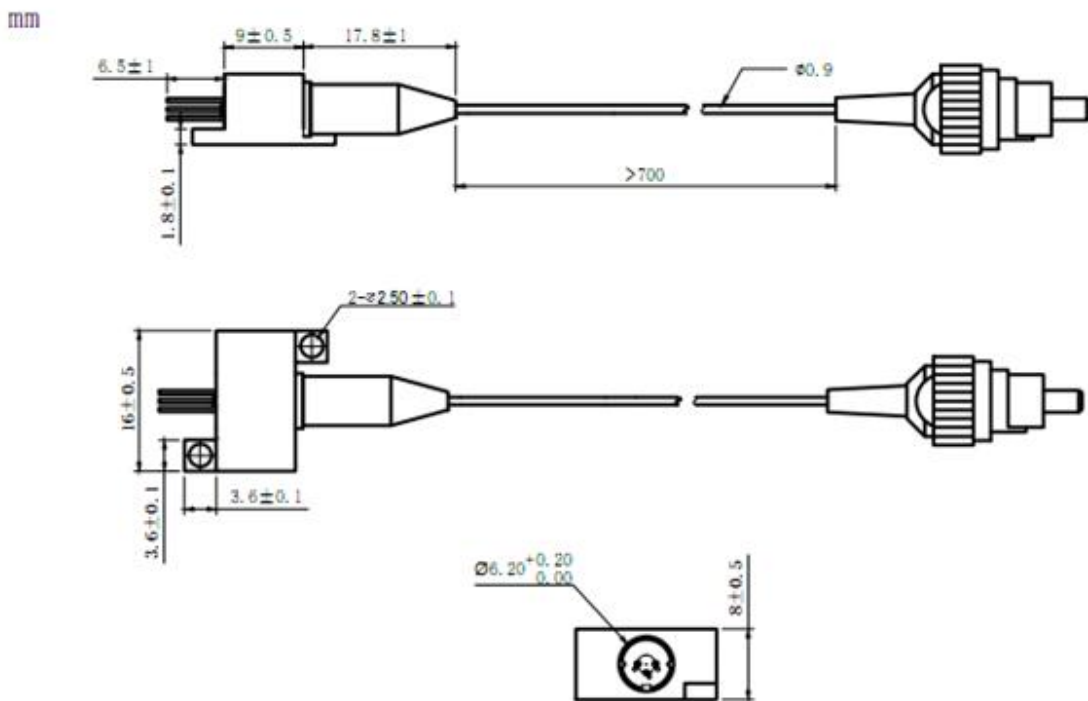
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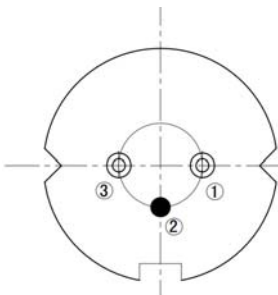
### Coaxial Package View



### B1 Package View



### PIN Bottom View



|   |             |
|---|-------------|
| 1 | LD(-)       |
| 2 | LD(+)&PD(-) |
| 3 | PD(+)       |



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