

SM/PM Pigtailed Laser Diode at 1064nm

1064nm Coaxial Package Diode Laser

- with SM Fiber
- with PM Fiber
- Built-in PD
- Offer Customized Products
- Offer OEM Coupling Service



| Part Number | STC-SLDP-1064-5-SM | STC-SLDP-1064-10-SM | STC-SLDP-1064-10-SM-9 | STC-SLDP-1064-50-SM | STC-SLDP-1064-50-PM |
|--------------------------------------|--------------------|---------------------|-----------------------|---------------------|---------------------|
| Center Wavelength@25°C (nm) | 1064nm | | | | |
| Power (mW) | 5 | 10 | 10 | 50 | 50 |
| Package | Coaxial | | | | |
| Tolerance (nm) | 5 | | | | |
| Fiber Type (80cm length) | 6µm SM fiber | 6µm SM fiber | 9µm SM fiber | 6µm SM fiber | PM fiber |
| Fiber Connector | FC/SC/SMA905 | | | | |
| Threshold Current (Typ.) | 15mA | 20mA | 20mA | 30mA | 30mA |
| Operating Current (Typ.) | 100mA | 100mA | 100mA | 270mA | 270mA |
| Operating Voltage | 1.5V | 1.5V | 1.5V | 1.5V | 1.5V |
| PD | Built-in | | | | |
| Monitor Current | 0.3mA | 0.5mA | 0.3mA | 0.5mA | 0.5mA |
| PD Reverse Voltage | 30V | 30V | 30V | 30V | 30V |
| Reverse Voltage | 2.0V | 2.0V | 2.0V | 2.0V | 2.0V |
| Operating Temperature | -10-+50°C | -10-+50°C | -10-+50°C | -10-+50°C | -10-+50°C |
| Storage Temperature | -40-+85°C | -40-+85°C | -40-+85°C | -20-+85°C | -20-+85°C |
| Lead Soldering Temperature (10 sec.) | 250°C | | | | |