

940 nm laser diode 200 W / 200 μm fiber core

Reference: 940LD-6-0-0

| SPECIFICATIONS | Unit | Min | Typ | Maximum |
|--------------------------------------|-----------------|----------|------|---------|
| Output Power | W | 200 | | |
| Center Wavelength | nm | 935 | 940 | 945 |
| Spectral Width (FWHM) | nm | | 6.0 | |
| Threshold Current | A | | 0.8 | |
| Operating Current | A | | 13.5 | 14.0 |
| Operation Voltage | V | | 32 | 35 |
| Conversion Efficiency | % | | 50 | |
| Wavelength shift w Temperature | nm/°C | | 0.35 | |
| Back reflection isolation stage | nm | 1020 | | 1200 |
| Back reflection isolation (optional) | dB | | 30 | |
| Storage Temperature | °C | -30 | | 70 |
| Case Operating Temperature | °C | 15 | 25 | 45 |
| Minimum Fiber Bend Radius | mm | 35 | | |
| Fiber Buffer/tube Diameter | μm | | 900 | |
| Fiber Clad Diameter | μm | | 155 | |
| Fiber Core Diameter | μm | | 135 | |
| Numerical Aperture | NA | | 0.22 | |
| Soldering Temperature | °C | | | 260 |
| Soldering time | s | | | 10 |
| Dimensions | mm | 80*80*25 | | |
| Mounting holes | mm | 4*Ø3.3 | | |
| Fiber connector | Yes (HP-SMA905) | | | |
| ROHS Compliant | Yes | | | |

Please solder the pins when the level of current is over 6A

