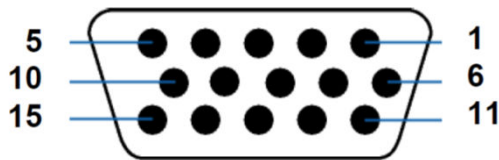
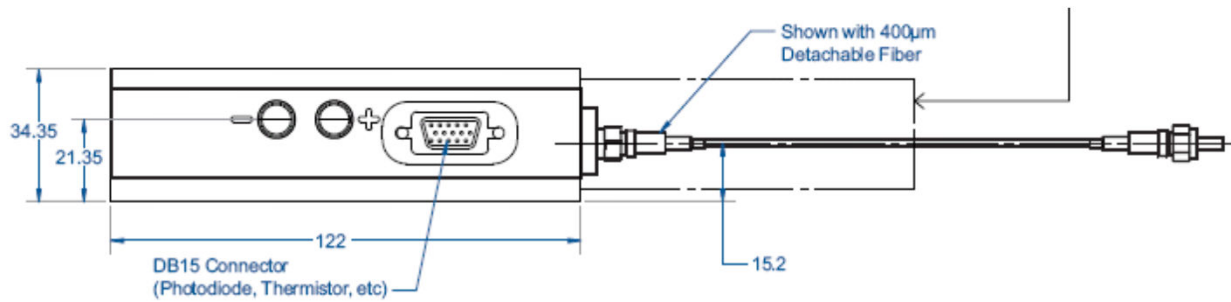
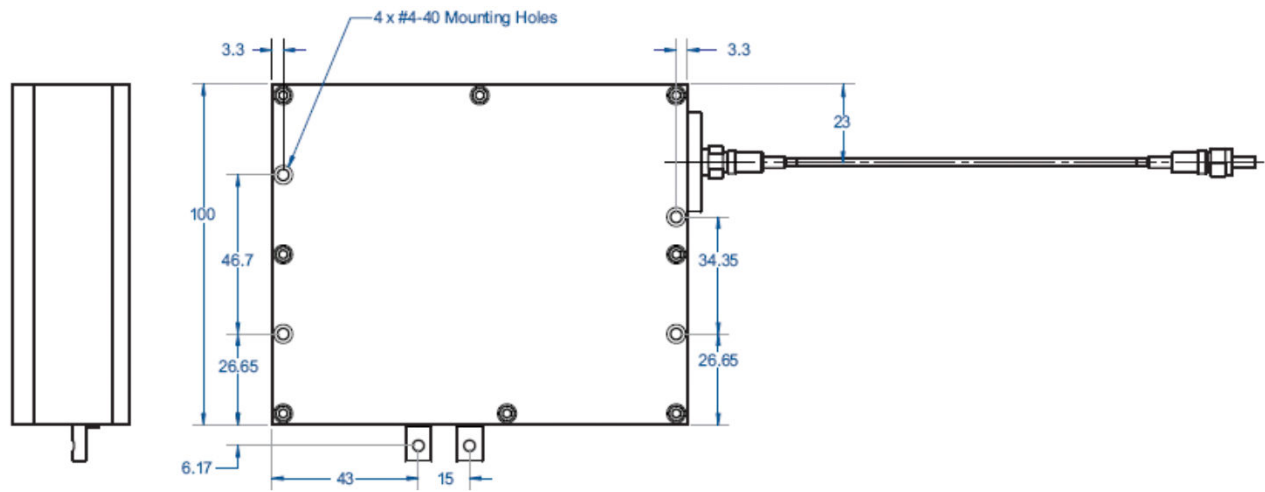


Item Number: 6210-0007**Item Description: 1064nm, 120W, 400um fiber-coupled module**

| Parameter | Units | Minimum | Typical | Maximum |
|--|-------|-------------------------------------|------------------|------------|
| Optical | | | | |
| CW Output Power from Fiber | W | 120 | | |
| Center Wavelength | nm | 1054 | 1064 | 1074 |
| Spectral Width (FWHM) | nm | | | 6 |
| Fiber Core Diameter | µm | | 400 | |
| Fiber NA | - | | 0.22 | |
| Temperature tuning coefficient | nm/°C | | 0.35 | |
| Electrical (FCA) | | | | |
| Operating Current (I _{OP}) | A | | 60 | 65 |
| Operating Voltage (V _{OP}) | V | | 4.7 | 5.0 |
| E-O conversion efficiency | % | 40 | 45 | |
| Thermal | | | | |
| Operating Temperature | °C | 20 | 25 | 30 |
| Storage Temperature | °C | -20 | | 70 |
| Mechanical | | | | |
| Module dimensions | mm | | 122 x 100 x 34.4 | |
| Fiber length | m | | 2 | |
| Fiber Input connector | - | | HP-SMA 905 | |
| Thermistor | | | | |
| Type | - | | NTC | |
| Resistance at 25°C | KΩ | | 10 | |
| Optional Aiming Beam | | | | |
| Wavelength | nm | | | 635 +/- 10 |
| Optical power | mW | | | >=1.0 |
| Optional Monitoring Photo Diode | | | | |
| Output signal at full power | µA | 50 | | 250 |
| Control signal | | | | |
| Interfacing | | DB-15 connector at module back wall | | |

Notes

1. Specified performance to be tested at 25C module base temperature
2. Non-condensing operating environment required



| Pin number | Assignment |
|------------|----------------------|
| 1 | Thermistor |
| 2 | Thermistor |
| 3 | Not used |
| 4 | Not used |
| 5 | Monitor Photodiode + |
| 6 | Monitor Photodiode - |
| 7 | Not used |
| 8 | Not used |
| 9 | Not used |
| 10 | Not used |
| 11 | Not used |
| 12 | Not used |
| 13 | Not used |
| 14 | Aiming Beam +5V |
| 15 | Aiming Beam Ground |

