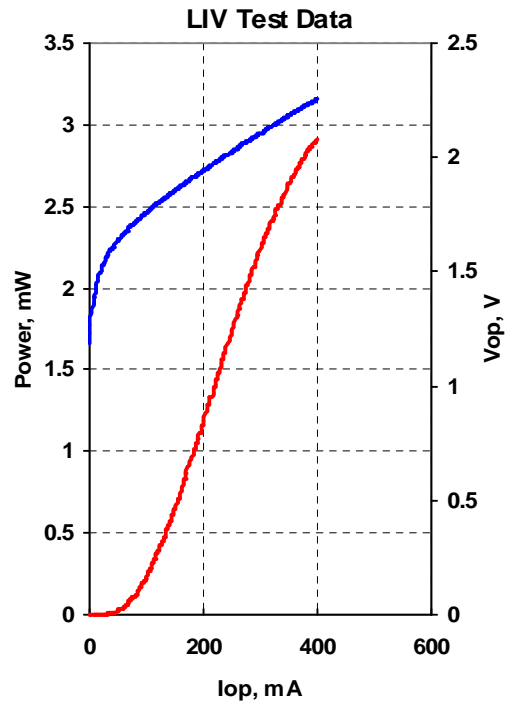




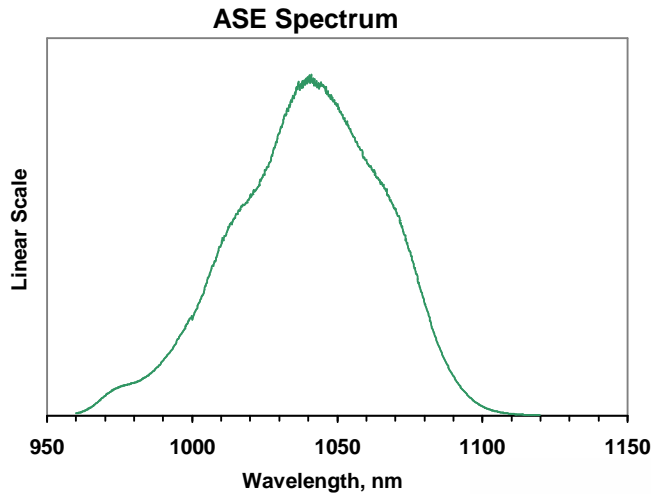
| | |
|--------------------|-----------|
| MODEL | QSOA-1050 |
| PART NUMBER | SAMPLE |

| Parameter | Value | Units |
|-----------------------|-------|-------|
| Internal Temperature | 25 | °C |
| Thermistor Resistance | 10.0 | kΩ |
| Optical Output Power | 3 | mW |
| Threshold Current | 114 | mA |
| Operating Current | 400 | mA |
| Operating Voltage | 2.24 | V |
| Monitor Current | 0 | mA |
| Monitor Dark Current | 0 | nA |
| Center Wavelength | 1044 | nm |
| Spectral Width | 64 | nm |

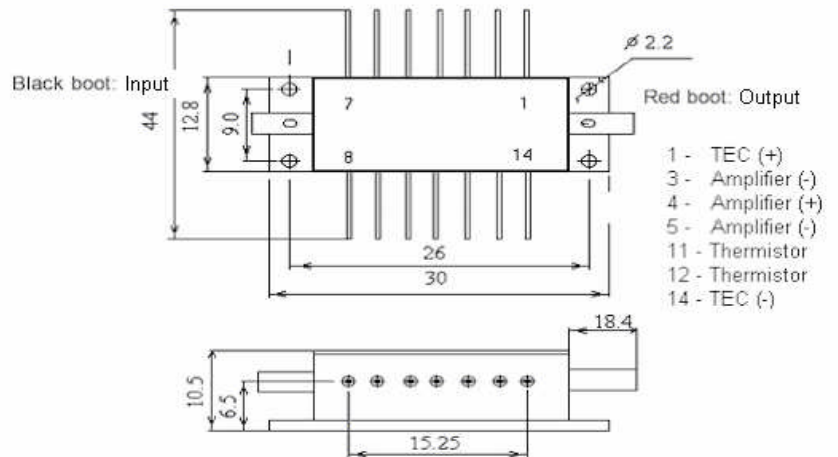


GAIN(250mA) = 20dB @ 20uW input signal
 GAIN(300mA) = 21dB @ 20uW input signal

| | |
|-------------------|--------|
| Fiber Type | HI1060 |
| NA | 0.14 |
| Connector | FC/APC |



| Pin | Connection |
|-----|---------------|
| 1 | TE Cooler (+) |
| 3 | Amplifier(-) |
| 4 | Amplifier(+) |
| 5 | Amplifier(-) |
| 11 | Thermistor |
| 12 | Thermistor |
| 14 | TE Cooler (-) |



| | |
|-----------------|-----------|
| Operator | AK |
| Date | 5/10/2005 |

TOP VIEW