BrightLase® Collimated Module

Features

- 810 nm, 1064 nm
- Custom wavelengths available
- Conduction cooled package

Applications

- Printing
- Industrial
- Direct diode medical
- Vapor pumping

Benefits

- Extreme spatial brightnesss

Model Number	6608-0000	6610-0000
Output power	25 W	30 W
Operating Current	<38 A	<58 A (50 A typical)
Operating voltage	<1.9 V	<2 V (1.4 V typical)
Wavelength	810 nm +/-10 nm	1064 nm +/-10nm
Spectral width (FWHM)	≤ 5 nm	≤ 8 nm
Max beam divergence (x), 95% power enclosure	<12 mrad	≤ 9 mrad
Max beam divergence (y), 95% power enclosure	<6 mrad	≤ 6 mrad
Max beam size (x)	<8 mm	<10 mm
Max beam size (y)	<6 mm	<6 mm
Polarized mode	TE 100:1	TE 100:1
Package type	Sealed	Sealed
Module size (L x W x H)	100mm x 41.5mm x 31.5mm	100mm x 41.5mm x 31.5mm
Operating/Test temperature	+25° C +/-0.5	+25° C +/-0.5°C
Internal thermister	NTC 10K Ω	NTC 10K Ω

Warning: Class 4 Laser. Invisible Laser Radiation – Avoid Eye or Skin Exposure to Direct or Scattered Radiation.

BRIGHTNESS and POWER
Breaking Performance Barriers through Semiconductor Laser Innovation

QPC is ISO 9001:2000 certified

QPC Lasers, Inc.
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1/04/08

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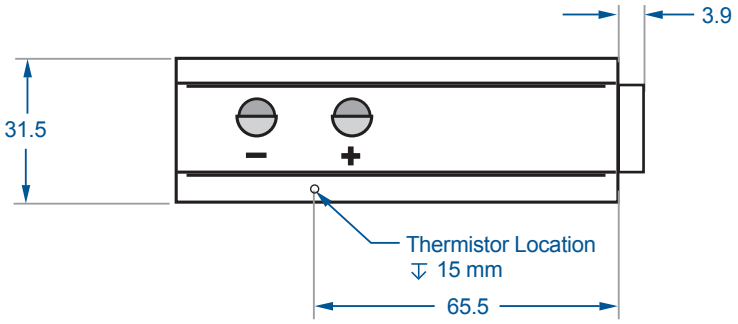

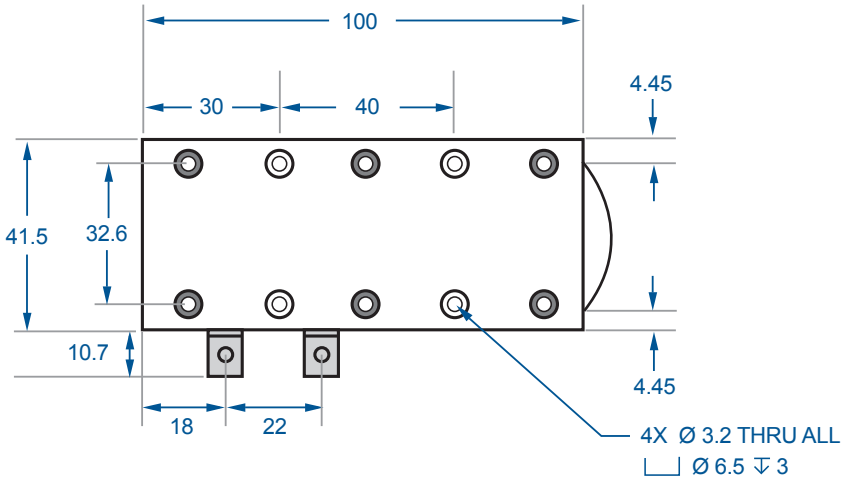

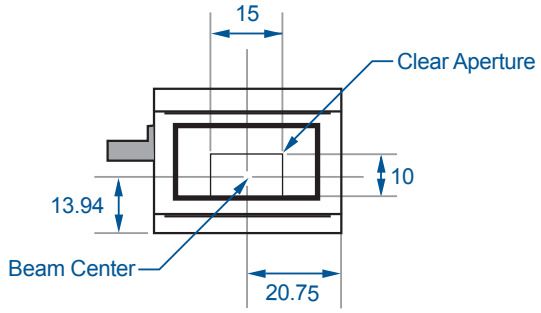

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