# GOLDEN BULLET

#### LASER DIODE SUBMODULE

### 200W QCW

#### NORTHROP GRUMMAN



#### **OPTICAL CHARACTERISTICS**

Parameter	Conditions	Min	Тур	Units
QCW Power Output	180A at 25°C Heat Sink	200	—	W
Operating Current	200W at 25°C Heat Sink	_	180	A
Threshold Current	25°C Heat Sink	—	15	А
Center Wavelength	200W at 25°C Heat Sink	—	808	nm
Wavelength Tolerance	200W at 25°C Heat Sink	—	+/-3	nm
Spectral Width	200W at 25°C Heat Sink	—	2.5	nm
Wavelength Shift	—	—	0.25	nm/°C
Beam Divergence FWHM	_	—	40×10	°X°

#### ELECTRICAL CHARACTERISTICS

Parameter	Conditions	Min	Тур	Units
Series Resistance	25°C Heat Sink	_	0.002	ohms
Operating Voltage	25°C Heat Sink, 200W	_	2.0	V

#### ABSOLUTE MAXIMUM RATINGS

Parameter	Conditions
Reverse Current	OA
Reverse Voltage	0 V
Operating Temperature Range	-40°C to 70°C
Storage Temperature Range	-40°C to 85°C

#### > NOTES

(1) These specifications apply for operation at 808nm. Other wavelengths available upon request.

<sub>光技術をサポートする</sub> 株式会社オプトサイエンス

http://www.optoscience.com

(2) A dry nitrogen environment should be provided by the user when storing and operating at temperatures below ambient dew point.



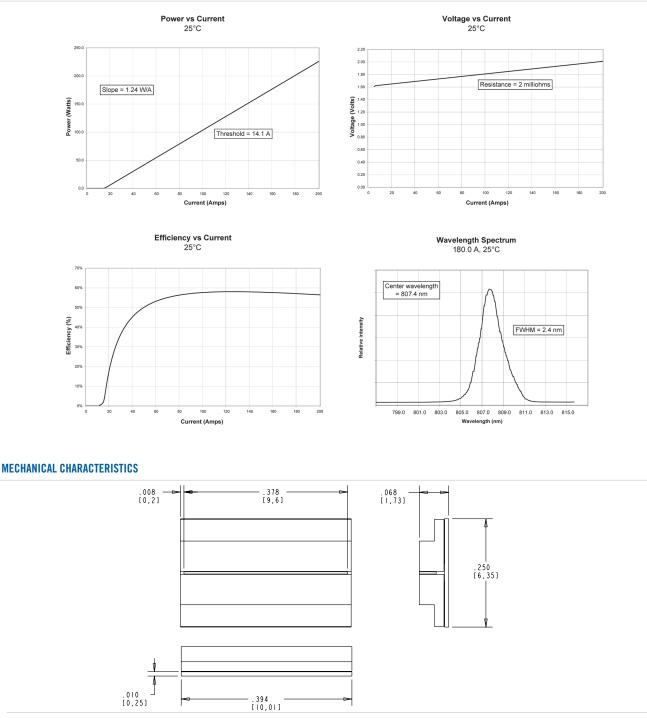
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**OPTICAL CHARACTERISTICS (TYPICAL)** 



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