GOLDEN BULLET

20W CW

NORTHROP GRUMMAN

FEATURES AND BENEFITS



PART NUMBER: ASM232C020 GOLDEN BULLET SUBMODULE

- Proprietary Hard Solder Technology
- Long Pulse and/or High Duty Cycle
 - Expansion Matched Materials
 - Available Wavelengths (790-980nm)

OPTICAL CHARACTERISTICS

Parameter	Conditions	Min	Тур	Units
CW Power Output	26A at 25°C Heat Sink	20	_	W
Operating Current	20W at 25°C Heat Sink	_	26	А
Threshold Current	25°C Heat Sink	_	9	А
Center Wavelength	20W at 25°C Heat Sink	_	808	nm
Wavelength Tolerance	20W at 25°C Heat Sink	_	+/-3	nm
Spectral Width	20W at 25°C Heat Sink	_	1.8	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	_	0.004	ohms
Operating Voltage	25°C Heat Sink, 20W	_	1.7	V

ABSOLUTE MAXIMUM RATINGS

Parameter	Conditions
Reverse Current	0 A
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.
- (2) A dry nitrogen environment should be provided by the user when storing and operating at temperatures below ambient dew point.



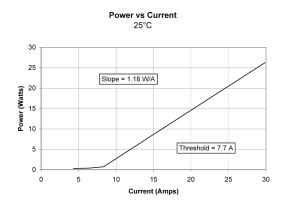
光技術をサポートする 株式会社オプトサイエンス http://www.optoscience.com

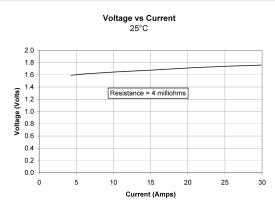
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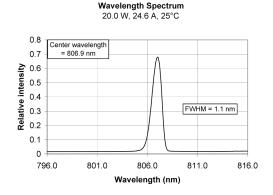
20W CW

OPTICAL CHARACTERISTICS (TYPICAL)

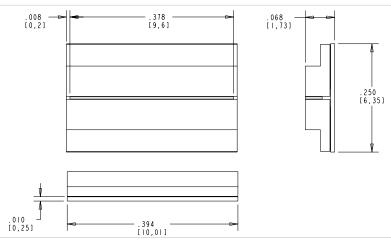








MECHANICAL CHARACTERISTICS



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