

Multi mode fiber coupled laser diode

3W @ 1470nm, QSM-1470-3



- Manufactured by SemiNex, USA
- Multi mode fiber coupled Fabry Perot (FP) laser
- High output power with 4pins package
- 0.4 W/A slope efficiency
- Wavelength/temperature coefficient 0.5nm/°C
- Built-in monitor photodiode
- Multi mode fiber pigtail
(105µm core size, 125µm cladding, NA 0.22)
- Optional FC/PC, SMA905 and FC/APC connector

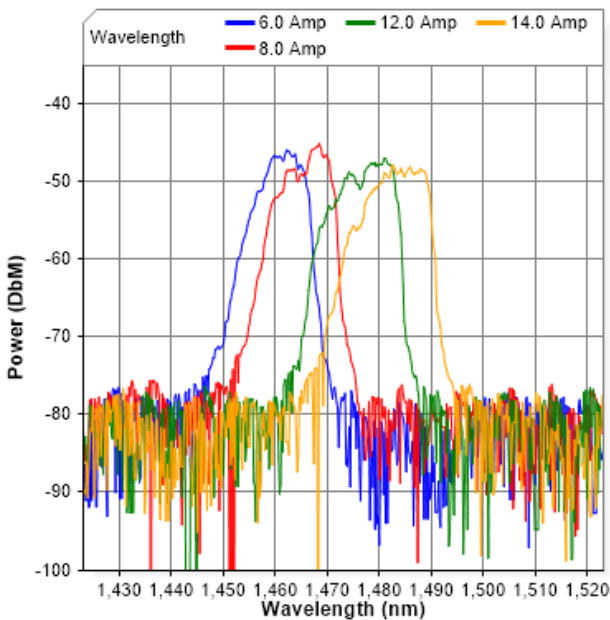
No View Sample Datasheet

Specifications

Test conditions: temperature 25°C,

Parameter	Symbol	Min	Typ	Max	Unit
Optical power from pigtail	P_f	2000	3000	4000	mW
Wavelength	λ_c	1430	1470	1495	nm
Wavelength v/s temperature coefficient	$d\lambda/dT$		0.7		nm/°C
Spectral linewidth (FWHM)	$\Delta\lambda$		10		nm
Forward current	I_f		13000	16000	mA
Threshold current	I_{th}		800		mA
Forward voltage	V_f		2.0	2.5	V
Monitor current @ $V_{rPD}=5V$	I_m	0.02			mA
Storage temperature	T_{stg}	-40		70	°C
Operating case temperature	T_c	0		60	°C
Lead soldering temperature @ 10s	-			260	°C

Spectrum



Pin Configuration

